

TOOLS FOR THE  
HOME WORKSHOP

CATALOGUE NO. 615



ammacher Schlemmer & Co.

NEW YORK, N.Y.

SINCE 1848



# Hammacher, Schlemmer & Co.



Our Uptown Salesrooms  
57th Street—145-147 East  
Near Lexington Avenue  
Regent 4420

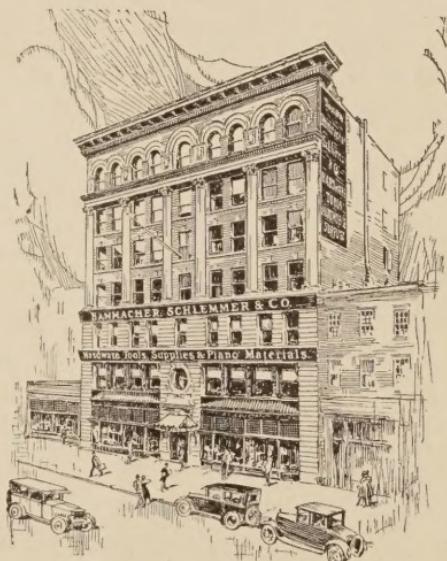


12th Street  
Warehouse  
No. 1

Completely stocked with all supplies including piano materials. Also houses the private garage for Hammacher, Schlemmer & Company's fleet of motor trucks.

## 13th Street Annex

Connected with the main building, and containing the Receiving and Shipping departments, also passenger and freight elevators, rest rooms, lunch room, cloak rooms, etc.



Our Main Store and Office  
4th Avenue at 13th Street  
Stuyvesant 7000

**FOREWORD**

Working with tools is an interesting and fascinating pastime. Many beginners, however, have made the error of purchasing poor or mediocre quality, not realizing that regardless of skill a good job cannot be done with poor tools, and that to approach the finished work of a skilled mechanic, one should acquire and use the same high grade tools.

Considered from the standpoint of genuine utility, good tools are a real economy, for with proper care, they remain a source of pride and satisfaction long after the mediocre article has been cast aside.

This catalog is not intended to present our full lines, but is an abridged edition compiled especially for the use of those who buy tools in smaller quantities for general home use or for pastime or hobby. We carry in stock upward of 125,000 odd items of tools, hardware and supplies.

As one who appreciates the value of really good tools you will need no introduction to such nationally known brands as Disston Saws, Russell Jennings Auger Bits, Buck Bros. Chisels and Gouges, Hammond Hammers, Yankee Tools, Stanley Planes, Nicholson Files, Millers Falls Bit Braces and the other equally well known brands we present herein for your consideration. One and all, they are the same "Trade Marked" tools which we sell every day to critical skilled mechanics—each tool worthy to be in the kit or on the bench of the most expert artisan.

It is our aim to make your shopping easy, to make "Hammacher, Schlemmer" your headquarters, and for this purpose we have listed in this catalog only such items as are regularly carried in stock by us. We cheerfully invite you to call on us when in doubt about selecting tools especially adapted for certain kinds of work that you may be doing.

For eighty years we have made a constant study of the tool needs of skilled mechanics, and we are proud of our reputation for high grade tools. Many of our oldest customers are skilled artisans who rely on our recommendation.

You may order by mail with the full assurance that your needs will be given the same careful attention as if you had made a personal selection in our store.

**Guarantee**

We warrant all merchandise purchased from us to be perfect and to be free from flaw, and to do the work for which it is recommended. We will replace any that proves defective.

**HAMMACHER, SCHLEMMER & CO.**

## SPECIAL INSTRUCTIONS

Before you order, study carefully all details enumerated in this catalog. Indicate carefully catalog number, size and kind of article. Any point omitted often necessitates correspondence and loss of time and frequently delays shipment.

### Shipping Instructions

Please indicate your preference as to freight, express or parcel post. Where no instructions are given, we will use our best judgment, taking into consideration shipping weight, distance, and your interests.

All goods are sold f. o. b. New York. We do not pay the transportation charges, unless added to the prices.

### Terms

Remittance including an approximate amount to pay postage should accompany all orders unless credit has been established. C. O. D. orders will be accepted provided an amount equal to approximately one-quarter of the value of the retail price accompanies the order. Remittance should be made with Post Office or Express Money Orders. We will, however, accept personal or firm checks if checks are known to us.

### Returned Goods

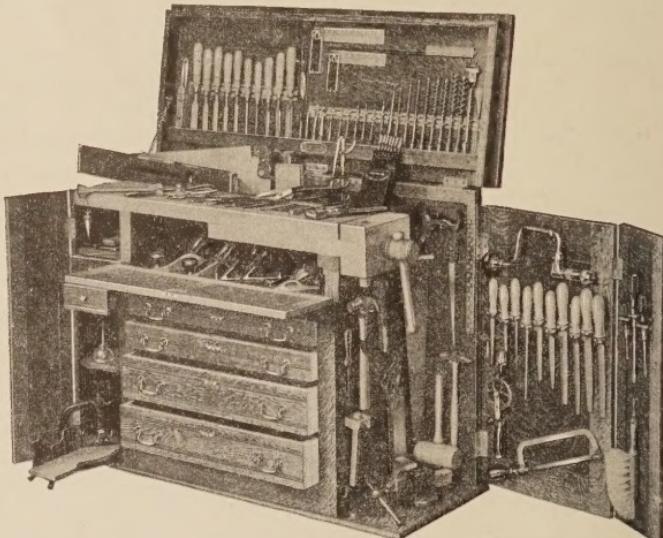
All regular stock goods are returnable if unused provided such return is arranged for before the goods are reshipped to us. If goods are in original packages and in salable condition, we will promptly refund the price thereof if paid for in advance, or give full credit where goods were charged, when returned prepaid.

**HAMMACHER, SCHLEMMER & CO.**

**"GNOME BRAND" TOOL OUTFITS AND WORK BENCHES**

All cabinets are substantially built of oak, (unless otherwise stated), varnished and finely finished, and the hardware fittings are of brass.

The benches and combination benches are constructed of well-seasoned hard maple. The doors and drawers are well made and carefully fitted. They are shown as well as pictures permit, but you must really see to appreciate the appearance and enduring construction of our benches and cabinets. When closed, the cabinets are in keeping with any piece of finely finished furniture.

**COMBINATION BENCH AND TOOL CABINET****"Gnome Brand"**

No. 100

This combination bench cabinet is unique in construction. The illustration shows fully its many desirable features, among which are its conveniently arranged drawer and closet space, side opening and hinged top. Bench top of seasoned maple, absolutely rigid and supported by strong uprights which rest directly on the floor. When cabinet is closed, bench top as well as all tools are inside, thus making it a fine piece of polished furniture. Trimmed throughout with solid brass locks and handles.

Cabinet Dimensions—Length 47 inches, width 19 inches, height 35 inches. Wood vise with  $1\frac{3}{4}$  inch screw and double bench stop; bench top is arranged for their adjustment. Outfits contain highest grade tools as per detailed list on opposite page.

Approximate shipping weight of cabinets complete with tools 375 pounds

**Oak Cabinet**

	Each
No. 100—With tools.....	\$250.00
No 0100—Cabinet only....	170.00
Tools Only .....	Set \$90.00

**Walnut Cabinet**

	Each
No 100W—With tools....	\$280.00
No. 0100W—Cabinet only..	200.00

*Prices Subject to Market Changes*

## COMBINATION BENCH AND TOOL CABINET

"Gnome Brand"

(Illustrated on opposite page)

### List of Tools for Outfit No. 100

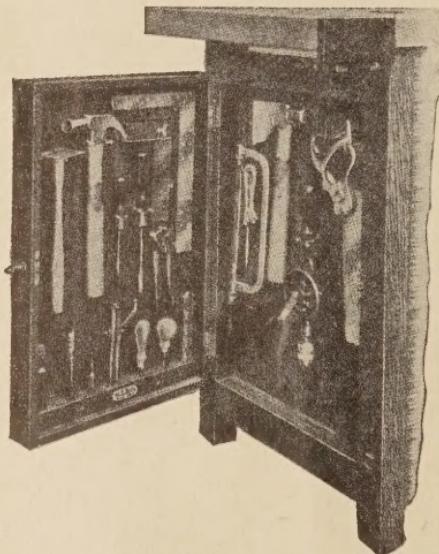
- Awl, H. S. Co. Handled Brad, 1½ in.  
Awl, Buck Bros. Handled Scratch.  
Bevel, Disston Sliding Tee, No. 3,  
**8 in.**  
Bits, Russell Jennings Auger, 4, 5,  
6, 7, 8, 9, 10 and 12/16ths.  
Bit, Clark's Expansive, Large.  
Bits, H. S. Co. Gimlet, 2, 3 ,4, 5,  
6, 7 and 8/32nds.  
Bit, B. M. Co., Screw Drivers, No.  
10,  $\frac{3}{8}$  in.  
Blade, Starrett, Hack Saw, No.  
103, 8 in.  
Bob, Sargent Brass Plumb, No. 5.  
Box, Stanley Mitre, No. 150.  
Brace, M. F. Co., Bit, No. 323.  
Chisel, Buck Bros Firmer, No. 2,  
 $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$  and 1 in.  
Cork, Sandpaper, Small.  
Countersink, B. M. Co. Rose, No.  
10,  $\frac{5}{8}$  in.  
Cutter, Glass, No. 2.  
Divider, Winged, No. 106, 6 in.  
Drill, M. F. Co. Hand, No. 1.  
Drill, Cleveland Set of Bit Stock,  
No. 14B.  
Duster, H. S. Co. Bench, No. 10.  
Files, K. & F., Handled.  
    Cabinet, 8 in.  
    Double Ender, 8 in.  
    Flat Bastard, 6 in.  
    Flat Bastard, 8 in.  
    Half Round Bastard, 6 in.  
    Half Round Bastard, 8 in.  
    Round Bastard, 6 in.  
    Round Bastard, 8 in.  
    Square Bastard, 6 in.  
    Warding Bastard, 4 in.  
Frame, Starrett Hack Saw, No. 140.  
Gauge, Stanley Marking, No. 64½.  
Gouges, Buck Bros Firmer, No. 8,  
 $\frac{3}{8}$ ,  $\frac{1}{2}$  and  $\frac{3}{4}$  in.  
Hammer, Hammond, Adze Eye  
Nail, No. 2.  
Hammer, H. S. Co. Riveting, No. 1.  
Hatchet, Hammond Half, No. 30-1.
- Knife, Sloyd, No. 6.  
Level, Stanley, No. 3, 22 in.  
Line, Hank of Mason, No. 6.  
Mallet, L. V., No. 4.  
Oiler, Gem Brass, No. 1603B.  
Pincers, Carpenters', No. 49, 6 in.  
Planes, Stanley.  
    Smooth, No. 4.  
    Jack, No. 5.  
    Block, No. 18.  
    Rabbet, No. 78.  
Pliers  
    Combination, No. 1880, 7 in.  
    Flat Nose, No. 20, 5 in.  
    Round Nose, No. 30R, 5½ in.  
Punch, Center, No. 10,  $\frac{5}{16}$  in.  
Rasp, K. & F. Cabinet, 8 in.  
Reamer, B. M. Co., Square, No. 40.  
Rule, Stanley Boxwood, No. 54.  
Saws  
    Disston Back, No. 4, 10 in.  
    Disston Compass, No. 2, 10 in.  
    Disston Hand Rip, No. 12, 24 in.  
    Disston Hand Cross Cut, No. 12,  
    24 in.  
    Disston Keyhole Pad, No. 10.  
Scraper, Disston Cabinet, 3x6 in.  
Screw Drivers  
    Yankee, No. 95, 2½ in.  
    Yankee, No. 90, 4 in.  
    Yankee, No. 90, 6 in.  
Set, H. S. Co., Nail, No. 10, 2 in.  
Snips, Compton Tinners, No. 10.  
Spokeshave, M. F. Co., No. 2.  
Squares  
    Sargent Steel Carpenter, No. 30.  
    Disston Try, No. 5½, 6 in.  
    Disston Try, No. 5½, 8 in.  
Stone, India Combination Oil,  
No. 29.  
Vise, Athol, No. 622½.  
Wrenches  
    Williams' Machinist, 8 in.  
    Trimo Pipe, 10 in.

Prices Subject to Market Changes

**COMBINATION BENCH AND TOOL CABINET**  
**"Gnome Brand"**



**No. 75**



**Left End View**

End tool racks have inside space, available for tools,  $14\frac{1}{4}$  inches wide, 22 inches high, 3 inches deep.

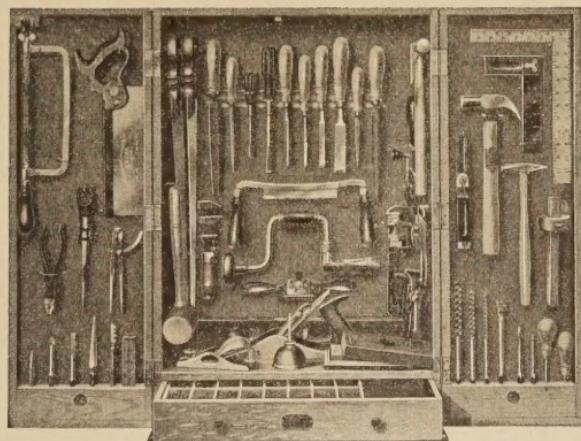
Approximate shipping weight of cabinet complete with tools 330 pounds.

**Note**—For tool contents see page 8.

**Prices Subject to Market Changes**

Each
<b>No. 75</b> —With tools ..... \$112.50
<b>No. 075</b> —Cabinet only..... 67.50
<b>Tools only</b> ..... Set, 49.50

## TOOL OUTFIT AND CABINET "Gnome Brand"



No. 55

The cabinet for this outfit is made of solid oak, with locked corners; is trimmed in brass, well finished, and high grade in every detail. The outside dimensions are 33 inches in height, 22 inches wide, and 10 inches deep, and the door is divided to open in the center. When open, the width across entire front is 44½ inches. There is room in the drawer for the utility box, No. 10, a small tray divided into compartments for holding an assortment of nails, tacks, staples and screws, and this box, filled, is included with each outfit. The illustration shows 52 different tools and their compact arrangement.

The tools in this outfit are the best obtainable.

	Each	Each
No. 55—With tools.....	\$66.00	No. 055—Cabinet only.....
Tools Only .....		\$23.00
		Set \$49.50

Approximate shipping weight of cabinet complete with tools 125 pounds.

**Note**—For tool contents see page 8.

**Prices Subject to Market Changes**

**COMBINATION BENCH AND TOOL CABINET No. 75****TOOL OUTFIT AND CABINET No. 55****"Gnome Brand"**

(Illustrated on pages 6 and 7)

**List of Tools for Outfits No. 75 and No. 55**

Awl, H. S. Co. Handled Brad, 1½ in.  
 Awl, H. S. Co. Handled Scratch, 2 in.  
 Bevel, Disston Sliding Tee, No. 2, 8 in.  
 Bits  
     Russell Jennings Auger, 4. 6 and 8/16ths.  
 Bit, Clark's Expansive, Small.  
 Bit, H. S. Co. Gimlet, 4 and 6/22ds.  
 Bit, B. M. Co. Screw Driver, No. 10, ¾ in.  
 Blade, Starrett Hack Saw, No. 103, 8 in.  
 Box, Utility, No. 10.  
 Brace, M. F. Co., Bit, No. 323.  
 Chisel, Buck Bros. Firmer, No. 2, ¼, ½ and 1 in.  
 Countersink, B. M. Co. Rose, No. 10, ¾ in.  
 Cutter, Glass, No. 2.  
 Divider, Winged, No. 106, 6 in.  
 Drill, M. F. Co. Hand, No. 1.  
 Files, K. & F., Handled.  
     Half Round Bastard, 8 in.  
     Slim Taper, 5½ in.  
     Warding Bastard, 4 in.  
 Frame, H. S. Co. Hack Saw, No. 100.  
 Gauge, Stanley Marking, No. 64½.  
 Gouge, Buck Bros. Firmer, No. 8, ¾ in.  
 Hammers  
     Hammond Adze Eye Nail, No. 2.  
     H. S. Co. Riveting No. 0.  
 Hatchet, Hammond Half, No. 30-1.  
 Draw Knife, Buck Bros., No. 71½, 6 in.

Level, Stanley, No. 104, 18 in.  
 Mallet, Round Hickory, No. 4.  
 Oiler, Coppered Steel, No. 12.  
 Pincers, Carpenter, No. 49, 6 in.

## Planes.

Stanley Jack, No. 5.  
 Stanley Block, No. 18.  
 Plier, Combination, No. 1880, 7 in.  
 Rasp, K. & F. Cabinet, Handled, 8 in.  
 Reamer, B. M. Co. Square, No. 40.  
 Rule, Stanley Boxwood, No. 53.  
 Saw, Disston Back, No. 4, 10 in.

## Saws.

Disston Hand Rip, No. 7, 22 in.  
 Disston Hand Cross Cut, No. 7, 22 in.  
 Disston Keyhole Pad, No. 10.

## Screw Drivers.

Yankee, No. 90, 5 in.  
 Yankee, No. 95, 3½ in.  
 Set, H. S. Co., Nail, No. 10.  
 Spokeshave, Wood Adjustable Iron, No. F-1.

## Squares.

Sargent Steel Carpenters, No. 12.  
 Disston Try, No. 1, 6 in.  
 Stone, Carborundum Oil, Mounted, No. 122.

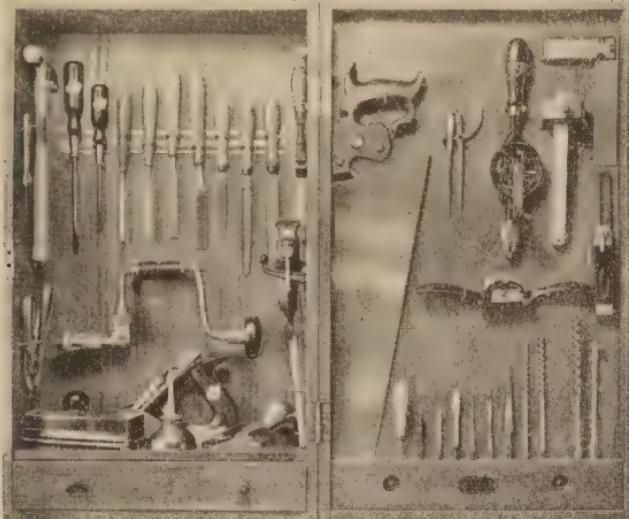
Vise, Stanley Jersey Special, No. 761-S.

## Wrenches.

Williams Machinist, 8 in.  
 Trimo Pipe, 10 in.

**Prices Subject to Market Changes**

**TOOL OUTFIT AND CABINET**  
**"Gnome Brand"**

**No. 54**

Outside dimensions of cabinet 29 $\frac{1}{2}$  inches high, 18 inches wide, 8 $\frac{1}{2}$  inches deep.

Each	Each
<b>No. 54—With 40 tools.....\$50.00</b>	<b>No. 054—Cabinet only.....\$18.50</b>
<b>Tools Only .....</b>	<b>Set \$34.00</b>

Approximate shipping weight of cabinet complete with tools 72 pounds.

**Contents of No. 54 Outfit**

- Awl, H. S. Co. Handled Brad, 1 $\frac{1}{4}$  in.
- Bevel, Disston Sliding Tee, No. 2, 8 in.
- Bits, Russel Jennings Auger, 4, 6 and 8/16 in.
- Bit, Clark's Expansive, Small.
- Bit, H. S. Co. Gimlet, 4 and 6/32 in.
- Bit, B. M. Co. Screwdriver, No. 10,  $\frac{3}{8}$  in.
- Brace, M. F. Co. Bit, No. 323.
- Chisel, Buck Bros. Firmer, No. 2,  $\frac{1}{4}$ ,  $\frac{1}{2}$  and  $\frac{3}{4}$  in.
- Countersink, B. M. Co., No. 10,  $\frac{1}{2}$  in.
- Divider, Winged, No. 106, 6 in.
- Drill, M. F. Co., Hand, No. 1.
- Files, K. & F., Handled.
  - Flat Bastard, 8 in.
  - Half Round Bastard, 6 in.
  - Warding Bastard, 4 in.
- Gauge, Stanley Marking, No. 64 $\frac{1}{2}$ .
- Gouge, Buck Bros., Firmer, No. 8,  $\frac{3}{8}$  in.
- Hammers.
  - Hammond, Adze Eye Nail, No. 2.
  - H. S. Co. Riveting, No. 0.
- Oiler, Coppered Steel, No. 12.
- Planes.
- Stanley Jack, No. 5.
- Stanley Block, No. 18.
- Pliers.
- Bernard Nickel Plated Cutting, No. 102, 5 $\frac{1}{2}$  in.
- H. S. Co. Burner, No. 326, 6 in.
- Reamer, B. M. Co. Square, No. 40.
- Rule, Stanley Boxwood Folding, No. 61.
- Saws.
- Disston Hand, No. 7, 20 in., 8 pt.
- Disston Keyhole Pad, No. 10.
- Screwdrivers.
- Yankee, No. 90, 4 in.
- Yankee, No. 90, 6 in.
- Set, H. S. Co. Nail, No. 10, size 2.
- Spokeshave, Stanley Iron, No. 53.
- Square, Disston Try, No. 5 $\frac{1}{2}$ , 6 in.
- Stone, India Medium Oil, Mounted, No. 2.
- Vise, Stanley Jersey, No. 741.
- Wrench, Williams' Machinist, 6 in.

**Prices Subject to Market Changes**

**TOOL OUTFIT AND CABINET**  
**"Gnome Brand"**



No. 53

Outside dimensions of cabinet  $29\frac{1}{2}$  inches high, 18 inches wide,  $8\frac{1}{2}$  inches deep.

	Each	Each
No. 53—With 36 tools.....	\$40.00	No. 053—Cabinet only.....
Tools Only .....		Set 24.20

Approximate shipping weight of cabinet complete with tools 67 pounds.

**Contents of No. 53 Outfit**

Awl, H. S. Co. Handled Brad,  $1\frac{1}{4}$  in.  
 Bevel, Disston Sliding Tee, No. 2,  
 $8$  in.  
 Bits, Russell Jennings Auger, 4,  
 $6$ ,  $8$  and  $10/16$  in.  
 Bit, B. M. Co. Screwdriver, No. 10,  
 $\frac{3}{8}$  in.  
 Bits, H. S. Co. Gimlet,  $4/32$  and  
 $6/32$  in.  
 Brace, M. F. Co. Bit, No. 323.  
 Chisels, Buck Bros. Firmer, No. 2,  
 $\frac{1}{4}$ ,  $\frac{1}{2}$  and  $\frac{3}{4}$  in.  
 Countersink, B. M. Co. Rose, No.  
 $10$ ,  $\frac{1}{2}$  in.  
 Divider, Winged, No. 106, 6 in.  
 Files, K. & F., Handled.  
 Flat Bastard, 8 in.  
 Half Round Bastard, 6 in.  
 Warding Bastard, 4 in.  
 Gauge, Stanley Marking, No.  $64\frac{1}{2}$ .  
 Gouge, Buck Bros. Firmer, No. 8,  
 $\frac{5}{8}$  in.

Hammer, Hammond, Adze Eye Nail,  
 No. 2.  
 Oiler, Coppered Steel, No. 12.  
 Planes.  
 Stanley Block, No.  $9\frac{1}{2}$ .  
 Stanley Jack, No. 26.  
 Plier, Utica Combination, No. 25,  
 $5\frac{1}{2}$  in.  
 Reamer, B. M. Co. Square, No. 40.  
 Rule, Stanley Folding, No. 61.  
 Saws.  
 Disston Hand, No. 7, 18 in.  
 Disston Keyhole Pad, No. 10.  
 Screwdrivers.  
 Yankee, No. 90, 4 in.  
 Yankee, No. 90, 6 in.  
 Set, H. S. Co. Nail, No. 10, 2 in.  
 Spokeshave, Stanley, No. 53.  
 Square, Disston Try, No.  $5\frac{1}{2}$ , 6 in.  
 Stone, India Medium Oil, Mounted,  
 No. 2.  
 Wrench, Williams' Machinist, 6 in.

**Prices Subject to Market Changes**

## TOOL OUTFIT AND CABINET "Gnome Brand"



No. 52

Dimensions of cabinet 22 inches high, 14 inches wide, 6 inches deep.

Each	Each
<b>No. 52—With 24 tools.....\$25.00</b>	<b>No. 052—Cabinet only.....\$11.50</b>

**Tools Only .....** Set **\$15.50**

Approximate shipping weight of cabinet complete with tools 35 pounds.

### Contents of No. 52 Outfit

Awl, H. S. Co. Handled Brad, 1 1/4 in.  
Bits, Russell Jennings Auger, 6/16 and 8/16 in.  
Bits, H. S. Co. Gimlet, 4/32 and 6/32 in.  
Bit, B. M. Co. Screwdriver, No. 10, 3/8 in.  
Brace, M. F. Co. Bit, No. 323.  
Chisel, Buck Bros. Firmer, No. 2, 1/4, 1/2 and 3/4 in.  
Countersink, B. M. Co. Rose, No. 10, 1/2 in.  
Divider, Winged, No. 106, 6 in.  
File, K. & F. Half Round Bastard, Handled, 6 in.

Hammer, Hammond, Adze Eye Nail, No. 2.  
Oiler, Coppered Steel, No. 12.  
Plane, Stanley Block, No. 9 1/2.  
Plier, Utica Combination, No. 25, 5 1/2 in.  
Rule, Stanley Boxwood, No. 61, 2 ft.  
Saw, Disston Hand, No. 7, 16 in.  
Screwdriver, Yankee, No. 90, 4 in.  
Set, H. S. Co. Nail, No. 10, size 2.  
Spokeshave, Stanley Iron, No. 53.  
Square, Disston Try, No. 5 1/2, 6 in.  
Stone, Carborundum, Mounted, No. 122.

*Prices Subject to Market Changes*

**TOOL OUTFIT AND CABINET****"Gnome Brand"****No. 47**

An excellent small assortment for the man or boy wishing to make a beginning in wood working. Dimensions of cabinet 22 inches high, 14 inches wide, 6 inches deep.

	Each	Each
No. 47—With 21 tools.....	\$22.50	No. 047—Cabinet only.....
<b>Tools Only .....</b>		<b>\$11.50</b>
<b>Tools Only .....</b>		<b>Set \$12.20</b>

Approximate shipping weight of cabinet complete with tools 30 pounds.

**Contents of No. 47 Outfit**

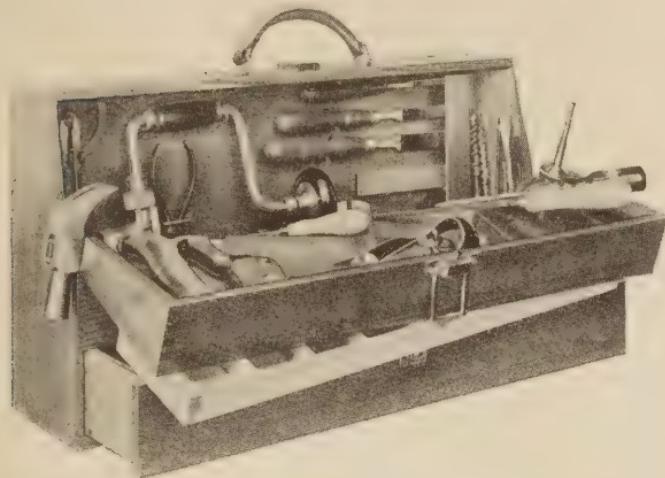
Awl, H. S. Co. Handled Brad,  $1\frac{1}{4}$  in.  
 Bits, Russell Jennings Auger,  $6/16$  and  $8/16$  in.  
 Bits, H. S. Co. Gimlet,  $4/32$  and  $6/32$  in.  
 Bit, B. M. Co. Screwdriver, No. 10,  $\frac{3}{8}$  in.  
 Brace, M. F. Co. Bit, No. 223.  
 Chisel, Buck Bros. Firmer, No. 2,  $\frac{1}{4}$  and  $\frac{1}{2}$  in.  
 Countersink, B. M. Co. Rose, No. 10,  $\frac{1}{2}$  in.  
 Dividers, Winged, No. 106, 6 in.

File, K. & F. Half Round Bastard, Handled, 6 in.  
 Hammer, Hammond, Adze Eye Nail, No. 2.  
 Plane, Stanley Block, No. 120.  
 Pliers, H. S. Co. Burner, No. 326, 5 in.  
 Plier, Utica, Flat Nose, No. 20, 5 in.  
 Rule, Stanley Boxwood Folding, No. 61, 2 ft.  
 Saw, Disston Hand, No. 7, 16 in.  
 Screwdriver, Yankee No. 90, 4 in.  
 Set, H. S. Co. Nail, No. 10, size 2.  
 Square, Disston Try, No.  $5\frac{1}{2}$ , 6 in.

**Prices Subject to Market Changes**

## TOOL OUTFIT AND CHEST

"Gnome Brand"



No. 152

A portable outfit which can be carried around more easily than wall cabinets; in fact, brought directly to the work. Polished oak,  $22\frac{1}{8}$  inches long,  $5\frac{3}{4}$  inches wide, 12 inches high; fitted with leather handle and brass finished hardware.

	Each	Each	
No. 152—With 24 tools.....	\$27.00	No. 0152—Chest only.....	\$13.00
Tools Only .....	Set \$15.50		

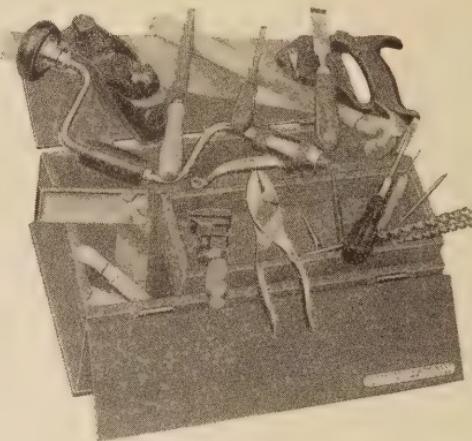
Approximate shipping weight of chest complete with tools 40 pounds.

### Contents of No. 152 Outfit

Awl, H. S. Co. Handled Brad,  $1\frac{1}{4}$  in.  
Bits, Russell Jennings Dowel,  $6/16$  and  $8/16$  in.  
Bits, H. S. Co. Gimlet,  $4/32$  and  $6/32$  in.  
Bit, B. M. Co. Screwdriver, No.  $10$ ,  $\frac{3}{8}$  in.  
Brace, M. F. Co. Bit, No. 323.  
Chisel, Buck Bros. Firmer, No. 2,  $\frac{1}{4}$ ,  $\frac{1}{2}$  and  $\frac{3}{4}$  in.  
Countersink, B. M. Co. Rose, No.  $10$ ,  $\frac{1}{2}$  in.  
Divider, Winged, No. 106, 6 in.  
File, K. & F. Half Round Bastard, 6 in.

Hammer, Hammond, Adze Eye Nail, No. 2.  
Oiler, Coppered Steel, No. 12.  
Plane, Stanley Block, No.  $9\frac{1}{2}$ .  
Pliers, Utica Combination, No. 25,  $5\frac{1}{2}$  in.  
Rule, Stanley Boxwood, No. 61, 2 ft.  
Saw, Disston Hand, No. 7, 16 in., 10 pt.  
Screwdriver, Yankee No. 90, 4 in.  
Set, H. S. Co. Nail, No. 10, size 2.  
Spokeshave, Stanley Iron, No. 53.  
Square, Disston Try, No.  $5\frac{1}{2}$ , 6 in.  
Stone, Carborundum, Mounted, No. 122.

*Prices Subject to Market Changes*

**TOOL OUTFIT AND CHEST****"Gnome Brand"****No. 45**

Oak case, with carrying handle; outside dimensions 15 inches long, 8 $\frac{3}{4}$  inches wide, 6 $\frac{1}{4}$  inches high. Has small sliding tray convenient for nails, screws and small tools.

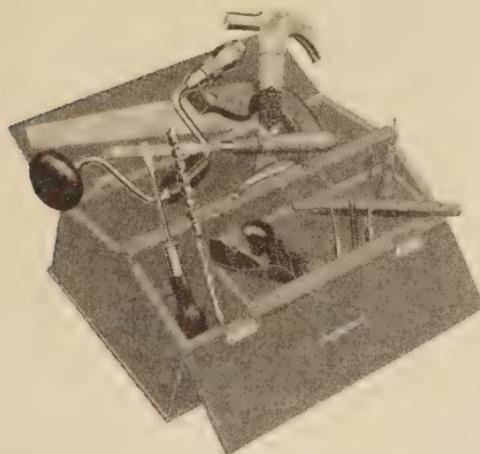
	Each	Each
<b>No. 45—With 18 tools.....\$16.00</b>		<b>No. 045—Chest only.....\$ 5.00</b>
<b>Tools Only .....</b>		<b>Set 12.20</b>

Approximate shipping weight of chest complete with tools 16 pounds.

**Contents of No. 45 Outfit**

Awl, H. S. Co. Handled Brad, 1 $\frac{1}{4}$ in.	Plane, Stanley Block, No. 220.
Bits, Russell Jennings Auger, 6/16 and 8/16 in.	Plier, Vacuum Grip Slip Joint, No. 66.
Bits, H. S. Co. Gimlet, 6/32 and 8/32 in.	Rule, Stanley Zig Zag, No. 1514, 4 ft.
Brace, M. F. Co. Bit, No. 223.	Saw, Disston Handy, No. 101, 13 $\frac{3}{8}$ in.
Chisels, Buck Bros. Firmer, No. 2, $\frac{1}{4}$ and $\frac{3}{4}$ in.	Screwdriver, Yankee, No. 90, 4 in.
File, K. & F. Half Round Bastard, Handled, 6 in.	Set, H. S. Co. Nail, No. 10, size 1.
Hammer, Hammond, Adze Eye Nail, No. 2.	Square, Disston Try, No. 5 $\frac{1}{2}$ , 6 in.
	Wrench, B. & S. Auto, No. 2, 8 in.

**Prices Subject to Market Changes**

**TOOL OUTFIT AND CHEST**  
**"Gnome Brand"****No. 42**

Oak case, with carrying handle; outside dimensions 15 inches long, 8 $\frac{3}{4}$  inches wide, 6 $\frac{1}{4}$  inches high. Has small sliding tray convenient for nails, screws and small tools.

	Each		Each
<b>No. 42—With 12 tools.....</b>	<b>\$10.00</b>	<b>No. 042—Chest only.....</b>	<b>\$5.00</b>
<b>Tools Only .....</b>			<b>Set \$5.50</b>

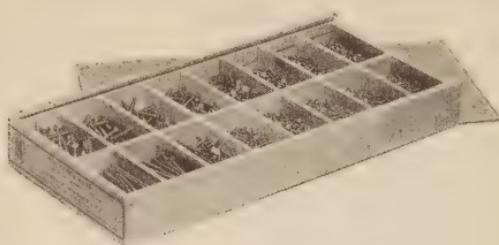
Approximate shipping weight of chest complete with tools 13 pounds.

**Contents of No. 42 Outfit**

Awl, H. S. Co. Handled Brad, 1 $\frac{1}{4}$  in.  
Bit, Russell Jennings Auger, 8/16 inch.  
Bits, H. S. Co. Gimlet, 6/32 and 8/32 in.  
Brace, Millers Falls Co., Special, 6 in.  
Chisel, Buck Bros. Firmer, No. 2,  $\frac{1}{2}$  in.

Hammer, Hammond Adze Eye Nail, No. 2.  
Plane, Stanley Block, No. 102.  
Rule, Stanley Zig Zag, No. 1512, 2 ft.  
Saw, Disston Handy, No. 7, 10 in.  
Screwdriver, Yankee No. 90, 4 in.  
Set, H. S. Co. Nail, No. 10, size 1.

**Prices Subject to Market Changes**

**UTILITY BOXES****"Gnome Brand"****No. 10**

Slide cover box with 16 compartments; outside dimensions, 15 inches long, 7 inches wide, 1 $\frac{3}{4}$  inches deep.

Contains assortment of brads, nails, screws and tacks as listed below.

Wire Brads—Length, inches, 5/8, 7/8, 1 $\frac{1}{4}$ . Wire Nails—Length, inches, 5/8, 1, 1 $\frac{1}{2}$ , 2, 2 $\frac{1}{2}$ . Flat Head Iron Screws—Length, inches, 1/2, 3/4, 1, 1 $\frac{1}{4}$ , 1 $\frac{1}{2}$ . Upholsterers Tacks—Weight, ounces, 1 $\frac{1}{2}$ , 4, 8.

**No. 10**—Complete as described above..... Each \$1.55

**No. 15**

Chestnut box with hinged cover; outside dimensions 13 $\frac{3}{4}$  inches long, 9 $\frac{3}{4}$  inches wide, 1 $\frac{3}{4}$  inches deep.

Contains Hammer, Awl, Screwdriver and an assortment of brads, nails, screws and tacks as listed below.

This combination is all that its name implies, a Utility Box which will save its cost many times over.

Hammond Adze Eye Hammer No. 5; Handled Brad Awl, 1 $\frac{1}{8}$  inch blade; Screwdriver No. 20, 2 $\frac{1}{2}$  inch blade. Same assortment of brads, nails, screws and tacks as in No. 10 box.

**No. 15**—Complete as described above..... Each \$3.35

**No. 20**

Chestnut box with hinged cover; outside dimensions 13 $\frac{3}{4}$  inches long, 9 $\frac{3}{4}$  inches wide, 1 $\frac{3}{4}$  inches deep.

**No. 20**—Contains Hammond Adze Eye Hammer No. 5; 3 foot Rule; Yankee Screwdriver; extra heavy Brad Awl and one tube of Le Page's Glue, and a generous assortment of cup-hooks, screw-hooks, thumb tacks, kitchen hooks, picture hooks, picture hangers, nails, tacks and screws..... Complete Each \$5.75

*Prices Subject to Market Changes*

## BLUE PRINTS FOR THE HOME WORKSHOP Beautiful and Useful Things You Can Easily Make Yourself

Would you like a sewing table or kitchen cabinet for your wife—a toy tea cart or porch swing for the children—a smoking cabinet or work bench for yourself? All these and many other beautiful and



useful things for the home can be easily and inexpensively made from the blueprints listed below. No great skill is needed—any man or boy who can use tools will find it easy to work from these blue prints.

**Popular Science Blue Prints.....Each \$0.25**

No.	Title.
1	Sewing Table
2	Smoking Cabinet
3	End Table
5	Kitchen Cabinet
9	Arbor, Gate and Seats
10	Porch Swing
11	Bench and Tilt Table
12	Electric Washer
13	Tea Wagon
14	Christmas Toys
15	Workshop Bench
16	Inlaid Radio Cabinet
17	Cedar Chest
18	Phone Table and Stool
19	Grandfather's Clock
30	Tool Cabinet, etc.
31	Sewing Cabinets
34	Garden Trellises
37	Simplified Book-case
38	Sheraton Table
39	Salem Chest

No.	Title.
40	Desk in Sheraton Style
41	One-Tube Radio Set
42	Three-Stage Amplifier
43	Four-Tube Receiver
44	Pirate Ship Model—Hull
45	Pirate Ship—Details
46	Galleon Model—Hull
47	Galleon Model—Details
48	Sailing Yacht Model
50	Airplane Model (Flying)
51	Clipper Ship Model—Hull
52	Clipper Model—Details
53	Clipper Model—Rigging
54	Five-Tube Radio Set

No.	Title.
55	Five-Tube Set—Details
56	Bird and Animal Toys
57	Constitution Model—Hull
58	Constitution—Rigging
59	Constitution—Rigging
61	Viking Ship Model—Hull
62	Viking Ship—Details
63	Toy Motor Boat—Hull
64	Toy Motor Boat—Details
67	Toy Model of Lindbergh's New York-to-Paris Plane
68	Magazine - Rack Table and Book-Trough Table
69	Flying Model (3 ft.) of Lindbergh's Monoplane

**Stanley Plans.....Each \$0.10**

No.	Title.
1	Book Rack
2	Candle Stick
3	Pipe Rack
4	Flower Box
5	Table Lamp
6	Toy Automobile
7	Sconce
8	Dinner Gong or Chimes

No.	Title.
9	Bird Houses
10	Dog House
11	Book Stand
12	Smoking Cabinet
13	Kitchen Cabinet
14	Sewing Cabinet
15	Cedar Chest
16	End Table
17	Tea Wagon
18	Model Sail Boat

No.	Title.
19	Combination Sail and Row Boat
20	Combination Kitchen Seat and Step Ladder
21	Garden Seat
22	Garden Trellises
S70	Small Tool Chest
S71	Large Tool Chest
S72	Work Bench

**Note**—When ordering plans, please be sure to specify whether you want Popular Science Blue Prints or Stanley Plans. The Stanley Plans are more elementary.

**Prices Subject to Market Changes**

**AUDELS CARPENTERS AND BUILDERS GUIDES****Tools, Steel Square, Saw Filing**

**Subjects Covered**—How to know and use the different woods—complete information on nails and screws—how to use and sharpen tools—how to file and set saws—how to make joints—how to build furniture—how to make a tool box, work benches and trestles—how to make a mitre box and mitre shooting board—how to plumb and level — how to use chalk line—how to lay out work—how to use rules — how to use vises and clamps—how to use all the carpenter's tools with over 900 illustrations showing how. Basic information that every carpentry worker must have.

**Guide No. 1**—431 pages, 1200 illustrations ..... Each \$1.43

**Guide No. 2—Arithmetic, Drawing Plans**

**Subjects Covered**—How to understand carpenter's arithmetic—how to understand geometry—how to understand trigonometry—how to solve mensuration problems—how to estimate the strength of timbers—how to proportion beams—how to use drawing instruments—how to read plans—how to survey—how to draw up specifications—how to estimate costs—how to build houses, barns, garages, bungalows, etc.—specification tables—building suggestions with elevations.

**Guide No. 2**—455 pages, 400 illustrations..... Each \$1.43

**Guide No. 3—Framing, Laying Out Work**

**Subjects Covered**—How to excavate and build foundations—how to waterproof—how to build forms for concrete—how to frame houses—how to set girders and sills and frame joists—how to construct a well hole—how to build scaffolds—how to frame braces, girts and rib bands —how to use the settings 12, 13 and 17 on the steel square—how to lay out mitre cuts—how to use tangents.

**Guide No. 3**—255 pages, 400 illustrations..... Each \$1.43

**Guide No. 4—Doors, Windows, Stairs, Millwork**

**Subjects Covered**—How to put on wood, fibre and metal shingles—how to lay gravel roofs—how to lay tin roofs—how to hang doors—how to put on exterior trim—how to do cornice work—how to build stairs —how to lath—how to lay floors—how to put on interior trim—how to paint—how to give first aid to the injured.

**Guide No. 4**—448 pages, 400 illustrations..... Each \$1.43

**Prices Subject to Market Changes**

## BOOK OF INSTRUCTIONS

**How to Work with Tools and Wood—for the Home Workshop**



This book is a manual for the home workman, giving him complete information on the use and care of wood working tools. It contains 185 pages and over 150 illustrations which explain in a straightforward manner all the processes of working with tools and wood. The book was written by a practical man who knows wood-working and how to use tools. It is durably bound in dark blue cloth binding and is written in non-technical and simple language that all may understand.

Each ..... \$1.00

## WOOD CARVING

**With Suggestions in Chip Carving**

(By Thomas C. Simmonds)

This book is devoted to wood carving, with suggestions in chip carving, and contains many illustrations and full descriptions of the woods, tools, etc., used in wood and chip carving, with an entire chapter on the sharpening and care of tools.

91 pages, 5½x7½ inches, postpaid..... Each \$1.00

## FRET SAW DESIGNS

**H. S. & Co.**

(In Book Form)

**Size A**—For beginners, showing 12 different designs..... Each \$0.50

**Size B**—A larger size book having a greater variety of larger and more complicated designs ..... Each \$1.50

*Prices Subject to Market Changes*

**MANUAL TRAINING OUTFIT****H. S. & Co.****No. 25A**

The tools in this outfit are all of the highest grade, fully guaranteed.

Bench made of carefully selected and thoroughly seasoned maple, very rigid and strong. Fitted with Rapid Acting Head Vise.

While designed primarily for manual training use, it makes an excellent outfit for home use.

Each	Each
No. 25A—With 28 tools.....\$69.00	No. 025A—Bench only.....\$49.00
Tools Only .....	Set \$22.00

Approximate shipping weight of bench complete with tools 200 pounds.

**Contents of No. 25A Outfit**

Buck Bros. Handled and Sharpened Firmer Chisels, No. 2, $\frac{1}{4}$ and $\frac{1}{2}$ in.	Stanley Beech Marking Gauge No. 64½.
Buck Bros. Handled and Sharpened Firmer Gouge, No. 8, $\frac{3}{8}$ in.	Yankee No. 90 Screwdriver, 4 in.
Disston Back Saw, No. 4, 10 in.	Stanley Boxwood Rule, No. 18, 2 foot, 2 fold.
Disston Hand Saw, No. 7, 22 in.	Round Hickory Mallet, No. 4.
Hammond Adze-eye Hammer, No. 3.	H. S. & Co. Handled Brad Awl, 1¼ in.
Stanley Iron Block Plane, No. 9½.	P. S. & W. Winged Dividers, No. 106, 6 in.
Stanley Iron Smooth Plane, No. 3.	Bench Duster, No. 10.
Imported Gimlet Bits, $\frac{1}{16}$ and $\frac{1}{4}$ in.	H. S. & Co. Knurled Nail Set.
Russell Jennings Dowel Bits, $\frac{3}{16}$ and $\frac{1}{2}$ in.	H. S. & Co. Sloyd Knife, No. 7.
Barber Nickel Plated Bit Brace, No. 223, 8 in.	Stanley Iron Spokeshave, No. 53.
Rose Countersink, No. 10, $\frac{5}{16}$ in.	India Oil Stone, No. 29, in iron box.
Disston Hardened Blade Try Square, No. 5½, 6 in.	H. S. & Co. Maple Bench Hook.
	Manual Training School Bench, Style S.

**Prices Subject to Market Changes**

## MANUAL TRAINING OUTFITS H. S. & Co.

We wish to impress upon all who are interested in manual training work, that the tools in these various outfits are all of the highest grade. Our hobby since 1848 has been to handle only the best, and our extended experience has proven time and again that only the best tools obtainable should be used for manual training. In the hands of beginners, tools are usually put to severe and undue strain and unless quality is there they are bound to give way. Every tool is warranted to be perfect.

### Equipment for Class of 10 Pupils

#### Individual Tools

- 10 Buck Bros. Handled and Sharpened Firmer Chisels,  $\frac{1}{4}$  inch.
- 10 Buck Bros. Handled and Sharpened Firmer Chisels,  $\frac{1}{2}$  inch.
- 10 Buck Bros. Handled and Sharpened Firmer Gouges,  $\frac{3}{8}$  inch.
- 10 Disston Back Saws, No. 4, 10 in.
- 10 Hammond Adze Eye Hammers, No. 3.
- 10 Stanley Iron Block Planes, No. 9  $\frac{1}{2}$ .
- 10 Stanley Iron Smooth Planes, No. 3.
- 10 Stanley Iron Spokeshaves, No. 53.
- 10 Imported Gimlet Bits,  $\frac{1}{8}$  in.
- 10 Imported Gimlet Bits,  $\frac{1}{4}$  in.
- 10 Russell Jennings Genuine Dowel Bits,  $\frac{3}{8}$  in.
- 10 Russell Jennings Genuine Dowel Bits,  $\frac{1}{2}$  in.
- 10 Barber Nickel Plated Braces, No. 223, 8 in.
- 10 Disston Hardened Blade Try Squares, No. 5  $\frac{1}{2}$ , 6 in.
- 10 Stanley Beech Marking Gauges, No. 64  $\frac{1}{2}$ .
- 10 Hurwood No. 20 Screw Drivers, 4 in.
- 10 Stanley Boxwood Rules, No. 18, 2 foot, 2 fold.
- 10 Round Hickory Mallets, No. 4.
- 10 H. S. & Co. Maple Bench Hooks.
- 10 H. S. & Co. Handled Brad Awls, 1  $\frac{1}{4}$  in.
- 10 Winged Dividers, No. 106, 6 in.
- 10 Bench Dusters, No. 10.
- 10 H. S. & Co. Knurled Nail Sets, No. 10.
- 10 H. S. & Co. Sloyd Knives, No. 7.

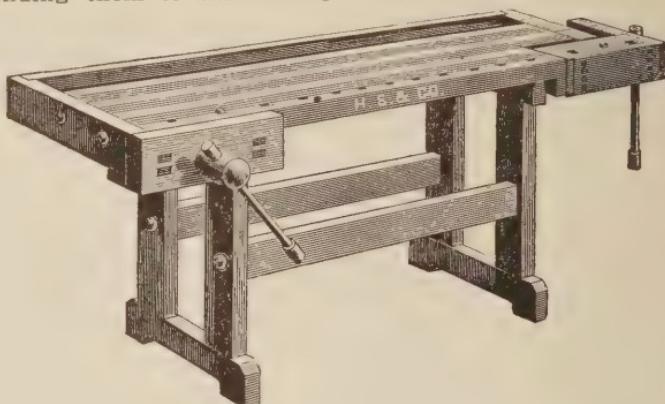
#### Class Tools

- 1 Buck Bros. Handled and Sharpened Firmer Chisel,  $\frac{3}{4}$  in.
- 1 Buck Bros. Handled and Sharpened Firmer Chisel, 1 in.
- 1 Buck Bros. Handled and Sharpened Firmer Gouge,  $\frac{3}{4}$  in.
- 1 Disston Crosscut Saw, No. 7, 22 in.
- 1 Disston Rip Saw, No. 7, 22 in.
- 1 M. F. Co. Turning Saw, 14 in. with blade.
- 1 Stanley Wood Jack Plane, No. 26.
- 1 Stanley Iron Rabbet and Filler Plane, No. 78.
- 1 Russell Jennings Genuine Dowel Bit,  $\frac{5}{8}$  in.
- 1 Russell Jennings Genuine Dowel Bit,  $\frac{3}{4}$  in.
- 1 Handled K. & F. Flat Bastard File, 8 in.
- 1 Handled K. & F. Half-round Bastard File, 8 in.
- 1 Handled K. & F. Round Bastard File, 8 in.
- 1 Handled K. & F. Square Bastard File, 8 in.
- 2 Rose Countersinks, No. 10,  $\frac{5}{8}$  in.
- 2 Medium India Oil Stones, No. 29, mounted in metal boxes.
- 1 Disston Sliding T-Bevel, No. 2, 8 in.
- 12 Genuine Jorgensen Adjustable or Rigid Hand Screws, 10 in.

*Prices Subject to Market Changes*

**WORK BENCHES****H. S. & Co.**

We call attention to the superior quality of our Benches. They are not the ordinary kind made to sell in competition with the cheapest, but are made of seasoned stock, carefully and scientifically put together. The lumber is cut and prepared before use, giving sufficient time to dry and cure, and will not warp or crack after a short period, as the inferior and cheaper-priced benches so often do. We take pleasure in recommending them to the most particular.



(Cut shows Style B)

**Style B**

Substantially built of hard white northern maple, thoroughly seasoned. Glued and well finished, working top 16 inches wide; tool recess 8 inches wide; top over all 78x24 inches; height 34 inches; legs 2x3 inches. Two wood bench vises; no drawer.

<b>Style B/2</b> —With two medium stops; shipping weight 180 pounds .....	<b>Style B</b> —Without stops weight 180 pounds..	Shipping weight 180 pounds..Each \$34.80
<b>Style B/2</b> —With two medium stops; shipping weight 180 pounds .....	<b>Style B</b> —Without stops weight 180 pounds..	Shipping weight 180 pounds..Each \$34.80

**Style E**

Imported, hand made of Austrian red beech, waxed finish. Uprights made of 4 inch square timbers. Top, exclusive of vise, 78x24 inches, 2 $\frac{5}{8}$  inches thick, 6 inch recess, 33 inches high, two iron stops. Head vise 22 inches wide, opens 10 inches, provided with device for equalizing strain when work is clamped at one end.

Tail vise 6 $\frac{1}{4}$  inches wide, opens 9 $\frac{1}{2}$  inches, with locked corners. Drawer 15 inches wide, 15 $\frac{1}{2}$  inches deep, 4 $\frac{1}{2}$  inches high.

**Style E**—Weight 230 pounds.....Each \$55.00

**Style M**

Similar to style B but smaller. Made of maple. Top exclusive of vises is 51 inches long, 20 inches wide, 2 $\frac{1}{8}$  inches thick, 6 inch recess; height 33 inches. Has two wood stops. Head vise 14 inches wide, opens 12 inches. Tail vise 6 inches wide, opens 6 $\frac{1}{2}$  inches.

**Style M**—Weight 115 pounds.....Each \$33.00

**Prices Subject to Market Changes**

## COMBINATION BENCHES AND CABINETS "Gnome Brand"



Style S

Top drawer, 18 inches wide, 15½ inches deep, 4¼ inches high. Middle drawer, 18 inches wide, 15½ inches deep, 4½ inches high. Bottom drawer, 29 inches wide, 15½ inches deep, 6¼ inches high. Cupboard, 10 inches wide, 16 inches deep, 11¼ inches high. Head vise No. 230, size 2, maple faced, rapid acting.

Style S—Weight 155 pounds.....Each \$49.00  
Style P—Same as Style S except that head vise is similar to one on  
Style J shown on page 24.....Each \$41.00



No. 075

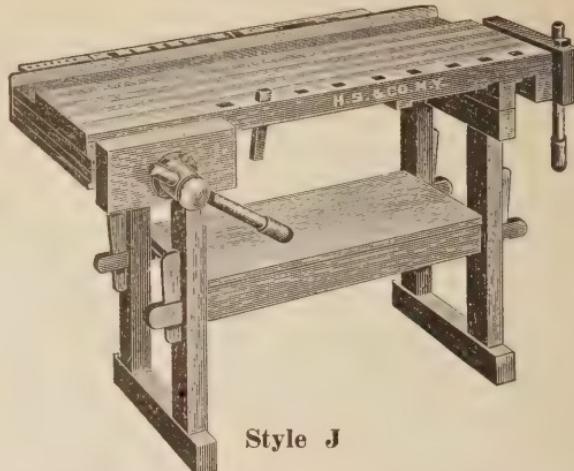
Bench top 50x22 inches, 2¼ inches thick; height 33½ inches. Equipped with rapid acting vise and adjustable metal planing stop.

Cabinet made almost entirely of oak, with solid brass hardware, except drawer pulls which are of oak.

Bottom drawer fitted with saw racks and is 29½x16x6½ inches. Top and middle drawers 18¾x16x6 inches. Cupboard 9½x16½x14 inches. End tool racks 14¼ inches wide and 22 inches high, inside measurements.

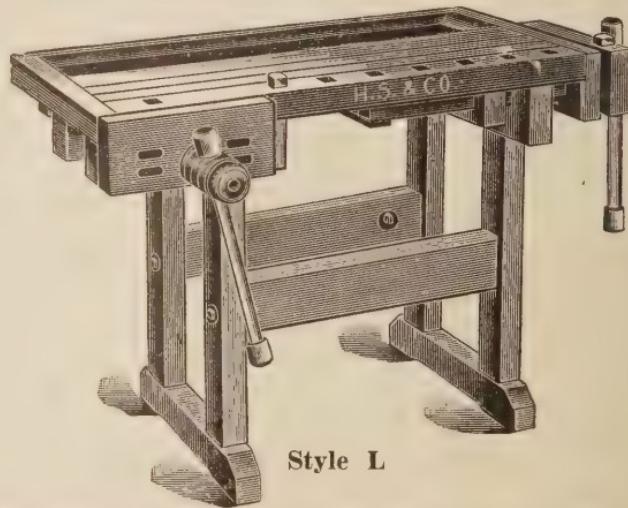
No. 075—Approximate weights: boxed, 275 pounds; not boxed, 200 pounds ..... Each \$67.50

*Prices Subject to Market Changes*

**WORK BENCHES****"Gnome Brand"****Style J**

Made of maple, except vise screws, which are second growth hickory. Top, 48 inches long, 18 inches wide, 2 inches thick, with 6 inches recess; 32 inches high. Has two wooden stops. Head vise 12 inches wide, opens 8½ inches. Tail vise 12 inches wide, opens 10 inches.

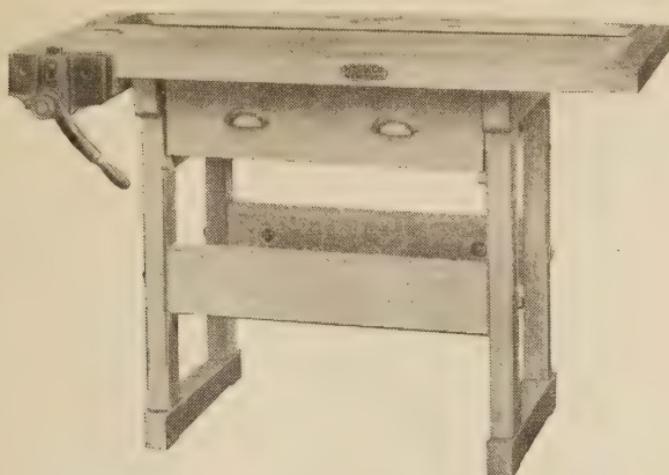
**Style J**—Weight 105 pounds.....Each \$24.50

**Style L**

Made of maple, except vise screws, which are hickory. 42 inches long, 20 inches wide, 2 inches thick, with 6 inches recess; 32 inches high. Has two wooden stops. Head vise 12 inches wide, opens 10 inches. Tail vise 12 inches wide, opens 8 inches.

**Style L**—Weight 90 pounds.....Each \$19.00

*Prices Subject to Market Changes*

**WORK BENCHES****No. 102**

Designed primarily for the home work shop. Made of well seasoned maple throughout, fitted with No. 3 Rapid-Acting Vise and Steel Bench Dog. Top 42 inches long, 22 inches wide,  $1\frac{3}{4}$  inches thick, with 7 inches recess. Drawer  $5\frac{1}{2}$  inches high, 22 inches wide, and 19 inches deep.

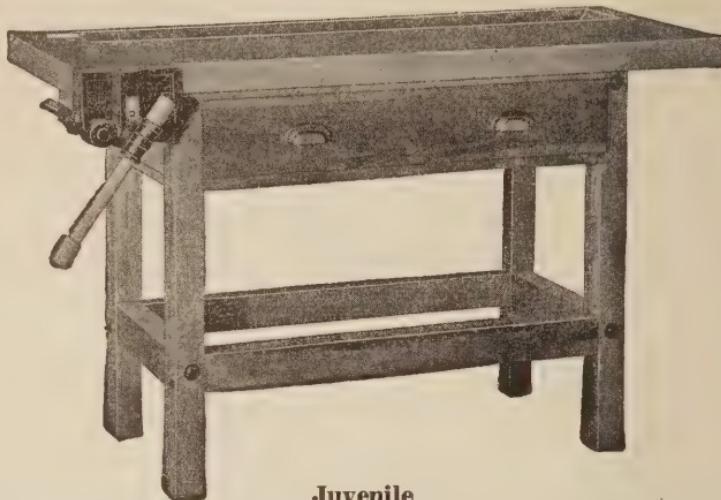
**No. 102—Weight 95 pounds..... Each \$28.00**

**No. 104**

An excellent bench for home use. Made of maple. Top 52 inches long, 22 inches wide,  $2\frac{1}{2}$  inches thick, with 7 inch recess. Drawers measure 5 inches high, 17 inches deep, 32 and  $15\frac{1}{2}$  inches long. Stands 32 inches high. Fitted with No. 3 Rapid Acting Vise, Steel Dog and Malleable Bench Stop.

**No. 104—Weight 215 pounds..... Each \$52.00**

**Prices Subject to Market Changes**

**WORK BENCH****Juvenile**

Made of seasoned hardwood throughout, nicely varnished. Top consists of glued-up wood pieces, matched on end, making a dent-proof and lasting surface. Shipped knocked down top and vise complete. Legs and frame fit together with bolts. Can be quickly assembled into a rigid and solid work bench.

**No. 40**—Length 40 inches; width 16½ inches; height 28½ inches; thickness of top 1 $\frac{1}{8}$  inches; drawer 26 $\frac{1}{4}$  x 15 $\frac{1}{2}$  x 4 $\frac{1}{2}$  inches; iron screw vise opens 5 inches; individual weight 65 lbs... Each \$15.00

**MACHINIST OR GARAGE BENCH**

**H. S. & Co.**

Made of hard maple, shelled top, 48 inches long, 23 inches wide and 2 inches thick. Stands 38 inches high. Three drawers, each 23 inches wide, 19 inches deep, 8 inches high. Cupboard, 30 inches high, 20 inches deep and 10 $\frac{1}{2}$  inches wide.

**No. 28**—Without vise.....  
.....Each \$39.00



*Prices Subject to Market Changes*

## POCKET TOOL KITS In Leather Cases

Tool holder with rosewood handle. All tools of best quality, fully warranted.



No. 600



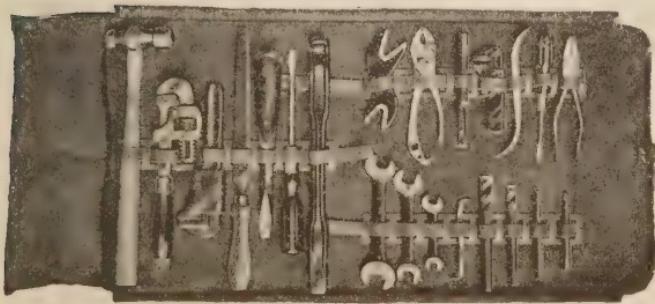
No. 450

**No. 350**—Consists of tool holder, knife blade, combination flat file and screw driver, hammer, small screw driver, saw blade, gimlet bit, gun metal plier, 4 inch, punch and chisel  $\frac{1}{2}$  inch.....Each \$4.80

**No. 450**—Consists of tool holder with knife blade, combination flat file and screw driver, punch, small screw driver, chisel  $\frac{1}{2}$  inch, saw blade, hammer, gimlet bit, combination plier 5 $\frac{1}{2}$  inch, round file and adjustable wrench.....Each \$6.40

**No. 600**—Consists of knife, hammer, chisel, screw driver, can opener, round file, combination flat file and screw driver, punch, gimlet bit and saw blade all interchangeable in handle. Also end nippers, round nose pliers, ruler and sharpening stone.....Each \$7.60

## MOTORISTS TOOL KITS H. S. & Co.



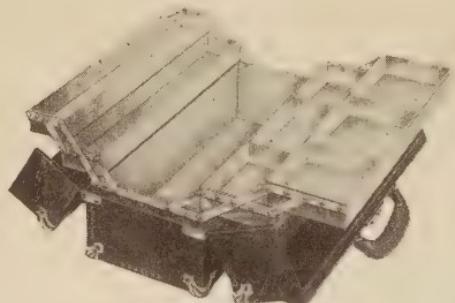
Contained in heavy serviceable canvas roll. Contains all tools necessary for making ordinary repairs. All tools of highest quality, fully warranted.

**No. 2**—Complete with roll.....  
...Each \$13.00

*Prices Subject to Market Changes*

**MECHANICS TOOL CASES****H. S. & Co.****"Gnome Brand"**

Carrying case, adapted to use of machinists, tool-makers, locksmiths, piano tuners, painters, sportsmen, etc.



right hand trays are adjustable and removable. Fitted with lock and nickel plated brass trimmings.

Outside dimensions 15½ inches long, 7 inches wide, 8 inches high. Weight 6½ pounds.

**No. 150**—Covered with black seal grain imitation leather.....  
..... Each \$13.00

**No 200**—Covered with genuine black cowhide leather.....  
..... Each \$20.00



Nos.	B	2B	XB
Approximate length inside, inches.....	32	27	32
Approximate width inside, inches.....	11½	9	12½
Approximate depth inside, inches.....	5¾	6½	7
Each .....	\$5.00	4.30	6.00

**KENNEDY ALL-STEEL TOOL KITS****Bag Shape Kit with Tray**

Has divided tray in which to carry small tools and parts. Fitted for use of garage mechanics, repairmen and shopmen as well as for the farm or home.

The shape makes it easy to carry and to reach tools when kit is open. Double lid, overlapping, helps make the kit waterproof.

Each

**No. 114**—Size 14x 7x 9 inches; shipping weight 8 pounds.....\$4.20

**No. 118**—Size 18x10x13 inches; shipping weight 13 pounds..... 4.60

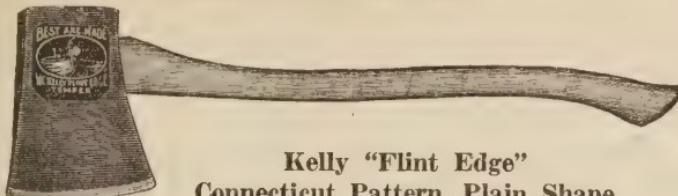
**Note**—See pages 4 to 15 inclusive for prices on tool cabinets.

**Prices Subject to Market Changes**

## SINGLE BIT AXES

### Kelly

Soft steel body, crucible steel bit, hand tempered, cutting edge honed.  
Handled with No. 1 elastic hickory handles.



**Kelly "Flint Edge"  
Connecticut Pattern, Plain Shape**

<b>Flint Edge</b> —weight, lbs.....	3	4	5
Length of handle before driven, inches.....	32	34	36
Each .....	\$2.30	2.35	2.45



**Kelly "Perfect," Connecticut Pattern, Beveled**  
Full polished and labeled, blue Kelly bevels;  
length of handles 36 inches.

<b>Perfect</b> —weight, lbs.....	4	5
Each .....	\$2.50	2.70

## HOUSE AXES

### Collins

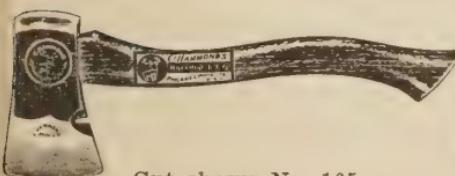


Highest grade crucible tool steel with inserted hand forged tool steel cutting edge; short bent handle, length 19 inches, width of cut 4½ inches.

<b>Collins</b> —Weight with handle, lbs.....	2½	2¾	3
Each .....	\$1.40	1.45	1.55

## BOY SCOUT AXES

### Hammond



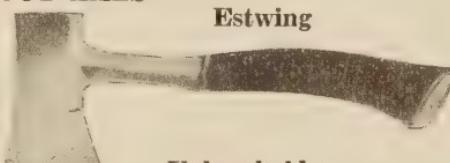
Cut shows No. 165.

Made of highest grade material  
and fully warranted.

**No. 151**—Without sheath; weight  
with handle 1¼ lbs.. Each \$1.50

**No. 165**—With sheath.. Each 1.65

### Estwing



### Unbreakable

For the boy scout, huntsman and  
camper the Estwing is an ax that  
never fails. Has leather grip.  
One-piece forged and tempered  
steel head and handle. Has all  
the newest features that boy scouts  
want.

**No. E524**—With hide leather belt  
sheath ..... Each \$2.00

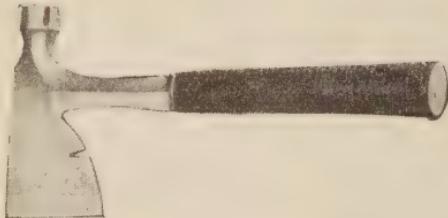
*Prices Subject to Market Changes*

**CLAW HATCHETS****C. Hammond Brand****Copper Bronzed**

Solid forged tool steel, bronzed poll and body, polished bit and face; selected extra white hickory handles.

Nos. ....	60	61	62
Size .....	1	2	3
Cut, inches....	3½	3¾	4
Weight, lbs....	1¼	1½	1¾
Each ..... \$1.35	1.45	1.50	

**Note**—Weights do not include handles.

**HALF HATCHETS****Estwing**

Head and handle forged in one piece of high grade tool steel; leather grip.

Large head; thin bit, making cutting and regrinding easy. Has convenient nail slot.

**No. E502**—Size 2, cut 3¾ inches, length 14 inches; weight 2¼ pounds ..... Each \$2.25

**HALF HATCHETS****C. Hammond Brand****Copper Bronzed**

Solid forged tool steel, bronzed poll and body, polished bit and face; selected extra white hickory handles.

Nos. ....	30	31	32
Size .....	1	2	3
Cut, inches....	3¼	3½	3¾
Weight, lbs....	1¼	1½	1¾
Each ..... \$1.30	1.35	1.40	

**Note**—Weights do not include handles.

**NAIL HAMMERS****Estwing****Curved Claw**

Head and handle forged in one piece of high grade tool steel; leather grip.

Standard size and proportion; hard, tough face; cutting temper in claw; "unbreakable" handle, 13 inches long.

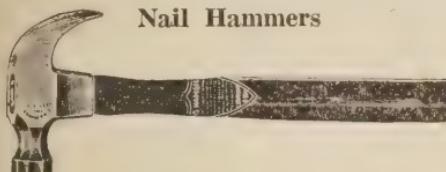
Nos. ....	E112	E116
Weight head, oz..	12	16
Weight each, lbs..	1½	1¾
Each ..... \$2.00		2.00

*Prices Subject to Market Changes*

## HAMMOND HAMMERS Cast Steel—Fully Warranted

Forged from best refined crucible cast steel. Each hammer tempered individually and hardened to proper degree for purpose for which tool is intended. The face and claw or the face and pein or face and ball depending on the pattern of hammer, are tempered separately and independent of the other end of the tool.

### Nail Hammers



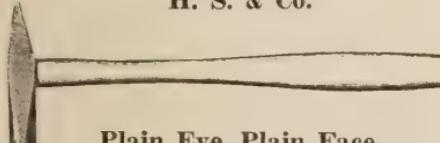
#### Adze Eye, Octagon Face and Neck

Nos.	0172	0171	0170½
Size	1½	2	2½
Weight	1 lb.	13 oz.	9 oz.
Each	\$1.50	1.45	1.40

#### Adze Eye, Bell Face

Nos.	Size	Weight	Each
182	11½	1 lb.	\$1.25
181	12	13 oz.	1.15
180	13	7 oz.	1.10
180B	15	4 oz.	1.05

#### Riveting Hammers H. S. & Co.



#### Plain Eye, Plain Face

Forged steel, fully warranted.

Nos.	Weight, oz.	Each
3-0	1½	\$0.63
2-0	2	.70
0	3	.78
1	4	.85
2	6	1.00
3	8	1.05

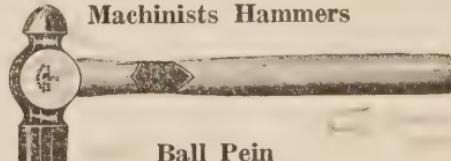
### Nail Hammers



#### Adze Eye, Plain Face

Nos.	Size	Weight	Each
174	0	1½ lb.	\$1.70
173	1	1¼ lb.	1.30
172	1½	1 lb.	1.25
171	2	13 oz.	1.15
170	3	7 oz.	1.10
170B	5	4 oz.	1.05

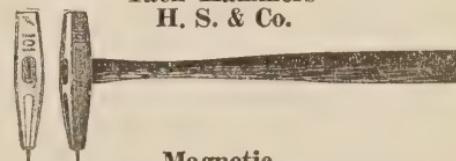
### Machinists Hammers



#### Ball Pein

Nos.	Size	Weight	Each
280C	0000	6 oz.	\$0.90
280B	000	8 oz.	.90
280A	00	12 oz.	.90
280	0	1 lb.	.95
281	1	1¼ lb.	1.00
282	2	1½ lb.	1.10

#### Tack Hammers H. S. & Co.



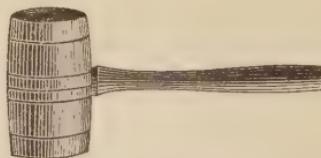
#### Magnetic

Fine steel forging; warranted strong and permanent magnets.  
No. 412—Polished head, 4 oz.; 12 inch handle.....Each \$0.82

Prices Subject to Market Changes

## MALLETS

Hickory



## Round

Second growth hickory. The handle goes entirely through the head of the mallet and is securely wedged.

Nos. ....	00	0	1	2	3	4	5
Diameter of face, inches.	4½	4	3½	3	2½	2¼	2
Each .....	\$0.80	.73	.60	.53	.47	.40	.35

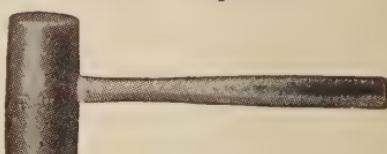
## Rawhide



## Solid Rawhide Heads, Hardwood Handles

Avoids battered up parts in assembling or repairing machinery. Rawhide being a non-conductor of electricity, it is especially adapted to electrical work. A machine shop necessity and useful for automobile repairs.

## Miller Composition



Miller Mallets are built for extra service. Laminated construction. Molded in one piece. Will outlast wood, rubber, rawhide and lead mallets.

Handles are second growth hickory of special design. The proper size and shape for hard and continued usage. Will not work loose and come off. Replaceable.

Especially valuable for sheet and metal workers, brass workers, machinists, machine assemblers, engineers, plumbers, electricians, printers, carpenters, automobile repairmen, garages, motorists, etc.

Nos.	Diam.	Length	Wt.	Each
	Face	Face		
1	1¼	3⅓	4	\$0.85
2	1½	3¼	6	1.00
3	1¾	3⅓	8	1.15
4	2	3½	10	1.45
5	2¾	4¼	22	3.25

Nos. ....	8	16
Size, inches.....	2x3½	2½x4½
Wt. without handle, ounces .....	8	16
Each .....	\$0.90	1.20
No. ....	24	
Size, inches.....	2½x5½	
Weight without handle, oz.	24	
Each .....	\$1.50	

Prices Subject to Market Changes

## HAND, RIP AND PANEL SAWS Disston



### No. D8—Skew Back

Refined crucible steel, patent ground and tempered, highly polished, applewood handle, full polished, brass screws.

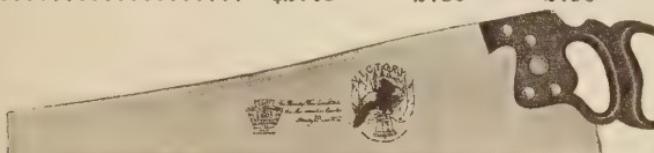
<b>No. D8 Panel</b> —Length, inches.....	16	20
Points to inch.....	9	8, 9, 10, 11
Each .....	\$2.40	2.85
<b>No D8 Hand</b> —Length, inches.....	22	24
Points to inch.....	8, 9, 10, 11	6, 7, 8, 9, 10, 11
Each .....	\$3.05	3.15
<b>No. D8 Rip</b> —Length, Inches .....	24	26
Points to inch.....	5, 5½, 6	5, 5½, 6
Each .....	\$3.15	3.30



### No. 7—Straight Back

Warranted, crucible steel grained blade, patent-ground and tempered grained blade, beech handle, polished. Improved brass screws.

<b>No. 7 Panel</b> —Length, inches.....	16	18	20
Points to inch.....	9, 10	9, 10, 11	8, 9, 10, 11
Each .....	\$2.15	2.30	2.50
<b>No. 7 Hand</b> —Length, inches..	22	24	26
Points to inch.....	8, 9, 10, 11	7, 8, 9, 10, 11	8, 9, 10
Each .....	\$2.75	2.80	2.90
<b>No. 7 Rip</b> —Length, inches....	22	24	26
Points to inch.....	7	5, 5½, 6	5, 5½, 6
Each .....	\$2.75	2.80	2.90



### No D115—Skew Back

Extra London spring steel, patent ground and tempered, highly polished, carved and polished rosewood handle, nickel plated screws.

<b>No. D115 Hand</b> —Length, inches.....	22	24	26
Points to inch.....	10	9, 10, 11	7, 8, 9, 10, 11
Each .....	\$5.25	5.30	5.50
<b>No. D115 Rip</b> —26 inches; 5½ and 6 points.....	Each \$5.50		

*Prices Subject to Market Changes*

**COMPASS SAWS**  
Disston



Keyhole saw (small)

Crucible steel blade;  
applewood handle, brass  
screws.

No. 2—Length of blade, inches.....	10	12	14
Each .....	\$0.85	.90	.95

**BACK SAWS**  
Disston



Crucible steel blades, polished and etched; blued steel back; applewood handle with polished edges; three brass screws.

No. 4—Length of blade, inches.....	8	10	12	14	16
Weight Each, Lbs.....	¾	⅞	1⅓	1⅔	2
Each .....	\$1.90	2.00	2.30	2.60	3.00

**DOVETAIL SAWS**  
Disston

English standard gauge No. 26. Extra quality spring steel blade, with special temper for cutting wood and metal. 17 points to inch. Brass plated steel back. Polished handle. Width under back  $1\frac{1}{2}$  inches.



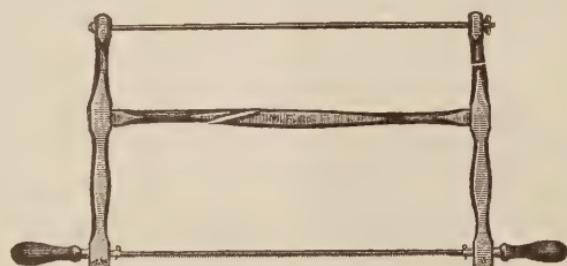
**Straight Handle**

For regular work.

No. 68—Blade, in. 8 10 12	1.35 1.50 1.60
Each .....	

**Offset Handle**

To permit work on flat surface.	
No. 71—Blade, in. 8 10 12	1.45 1.55 1.70



**TURNING SAWS**

Millers Falls  
Complete with One  
Blade

Birchwood, ebonized handles, steel tension rod, index on each handle to show how far to turn, friction regulated by screws.

No. 357—Length of blade, inches.....	14	18	24
Weight each, pounds.....	1⅓	1⅕	1⅗
Each .....	\$1.25	1.30	1.45

*Prices Subject to Market Changes*

## HACK SAW FRAMES

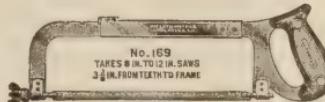
Starrett



### Adjustable

Steel frame, dull nickel finish. Blades can be set in four directions. Tightened by turning handle.

**No. 145**—Takes 8 to 12 inch blades; weight 1 pound....Each \$1.60



### Hard Rubber Handle

Nickel plated steel handle. The blade can be set in four directions. thumb screw adjustment.

**No. 169**—Takes 8 to 12 inch blades; weight 1½ pounds..Each \$2.95

## HACK SAW BLADES

Starrett



With regular teeth,  
18 to the inch.

For general use in  
hand frames.

General Purpose Blades—For all solids, tool steels, wrought iron, cast iron and slate. Thickness .025 inch.

<b>No. 103</b> —Length, inches .....	8	10	12
Width, inches .....	1/8	1/2	1/2
Per Dozen .....	\$0.45	.56	.68

Star



### Special Flexible Hand Blades

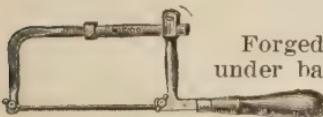
For cutting all kinds of soft metals. Will cut pipe, electric conduit, wire cable, soft sheet steel and any material of this kind without breaking or stripping of teeth.

A correctly designed and tempered blade for use of garage men, electricians, plumbers, structural steel workers and auto body workers.

The new blade, for hand use only, 18 teeth per inch, .025 inch (23 gauge) thick.

<b>Nos.</b> .....	818SF	1018SF	1218SF
Size, inches .....	8x1/8	10x1/2	12x1/2
Per Dozen .....	\$0.45	.56	.68

## JEWELERS' SAW FRAMES



### Without Blade

Forged spring steel frame, nickel plated; 2½ inches under back; cocobolo handle.

**No. 600**—Adjustable from 4 to 6 inches.....Each \$2.20

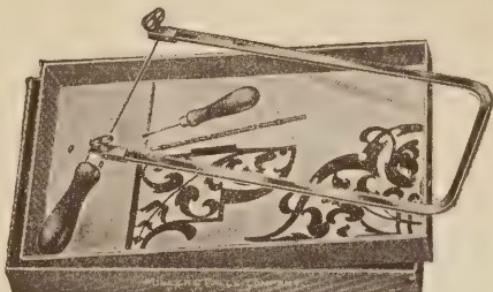
## JEWELERS' SAW BLADES

Vulcan

<b>Nos. 00 to 6</b> —5 inches long.....	Per Dozen \$0.15
<b>Nos. 7 to 12</b> —5 inches long.....	Per Dozen .18

*Prices Subject to Market Changes*

## FRET SAW SETS



## Millers Falls

An excellent set for amateurs. High grade spring steel frame; enameled handle; patent clamps hold blade securely. Frame is highly polished and nickel plated, depth 12 inches, width 5 inches.

- No. 2—Complete with twelve blades, one awl, one sheet of impression paper and three sheets of designs; weight per set 17 ounces; one set in a box..... Set \$1.10  
 No. 20—8 inch saw frame only..... Each .95

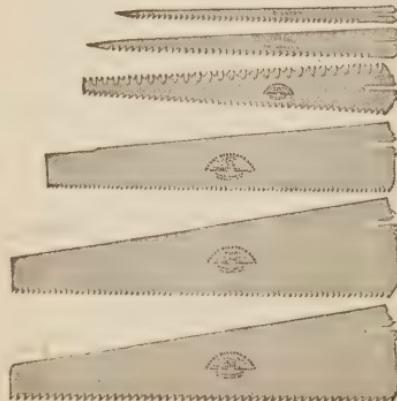
## FRET SAW BLADES

No. 1	
No. 2	
No. 3	
No. 5	
No. 6	

## For Wood Work, 5 inches Long

Cut fast, smooth and are of uniform quality.
Nos. .... 000 00 0 1
Per Dozen..... \$0.12 .12 .12 .12
Nos. .... 2 3 5 6
Per Dozen..... \$0.12 .12 .12 .12

## HANDY SAW KITS



## Disston

Blades made of first quality crucible steel, carefully ground and polished. Hardwood handle, carved and polished. Butt of blade specially formed to prevent wobbling; lever tightener provides for quick and easy attachment and detachment. Case is heavy canvas, leather bound edges, and has separate compartments for each blade and a special pocket for the handle.

## Contents of No. 101 Set

12 in. keyhole blade, 14 in. compass blade, 16 in. pruning blade, 18 in. plumbers blade, 20 in. crosscut blade, 20 in. rip-saw blade. Adjustable handle. Canvas case.

- No. 101—Set complete as described above ..... Set \$8.00

- No. 104—Same as No. 101, but without pruning and plumbers blades ..... Set \$5.25

Prices Subject to Market Changes

## SCROLL SAWS

### Millers Falls

#### With Emery Wheel and Drill Chuck



Adjustable lever saw clamps, minimize blade breakage. Equipped with drilling attachment and dust blower. Two balance wheels, one iron and one emery. Arms swing on pivots in their supporting casting giving free action and are adjustable so they can be kept parallel.

Cast iron frame, steel arbors, ash wood arm and pitman, japanned tilting table, depth of arms 18 inches, height over all 37 inches, capacity up to  $\frac{3}{8}$  inch wood.

**No. 387**—Complete with 12 saw blades, one wrench, three sheets of designs, impression paper and three drill points; net weight 40 pounds, weight boxed 60 pounds, knocked down ..... Each \$12.85

Extra for setting up ..... \$1.00  
Extra for crating ..... 1.00

### Schroeters Improved Velocipede Foot Power

Has range of work from finest inlay to sawing of pine lumber as thick as 1 to  $1\frac{1}{2}$  in. and accomplishes every branch of scroll sawing within the range of general amateur work. Table made of wood pieced together. Improved saw clamps allow use of saw blades 5 in. long and as fine as No. 000 jeweler's blade for inlay work or for cutting light brass, copper or other soft metals and saw clamps will accept saw blades as coarse as  $\frac{3}{8}$  inch wide for coarse work.

Boring attachment is stationary and will bore a true hole. Chuck will hold twist drills up to No. 50 drill or about  $\frac{1}{4}$  inch size.

Color of frame, grey; drive and fly wheel, deep red. Drive pulleys grooved for round belt.

#### Specifications:

Height to top of table, 36 in.; height to top of boring attachment, 45 in.; table,  $24\frac{3}{4} \times 13\frac{3}{4}$  in., swings wood 17 $\frac{1}{4}$  in.; complete depth of machine 30 in.; arms, 23 in. long; front legs, 20 in. wide; distance from front to back legs, 23 in.

Complete with one catalog scroll saw designs, 12 saw blades, 5 in. long; one No. 50 twist drill, 2 scroll saw designs, one sheet of carbon or impression paper for coyping designs on wood and direction sheet on how to set up the saw and directions on scroll sawing.

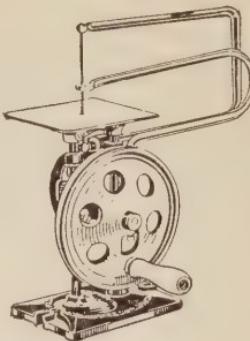
**No. 1**—With boring attachment, net weight 40 pounds, shipping weight in carton 65 pounds ..... \$35.00

*Prices Subject to Market Changes*

## SCROLL SAWS

## American

Used extensively by tool and die makers, violin makers, pattern shops, research laboratories, experimental departments, artists, sign painters, window trimmers, home tinkerers and for many other purposes.



## American Boy

For hand, foot or motor power; cuts wood up to 1 inch, metal, fibre, etc., up to  $\frac{1}{4}$  inch; flywheel grooved for  $\frac{1}{4}$  inch round belt; speed 300 to 350 R. P. M.

**No. AB10**—Distance from blade to throat of frame 8 inches; net weight  $7\frac{1}{2}$  pounds... Each \$6.00

Accurate cutting, sturdy and simple to operate. Blade is supported by a guide underneath the table, and the work is held from raising by a novel hold down arm. Makes square cut in wood, aluminum, brass, bakelite, steel, zinc, fibre, etc.

## American Giant

For power only, no hand knob; cuts wood up to  $1\frac{1}{2}$  inches; metal, fibre, etc., up to  $1\frac{1}{2}$  inches; flywheel  $7\frac{1}{4}$  inch diameter, grooved for  $\frac{5}{8}$  inch round belt; speed 300 to 350 R. P. M.

**No. AB12**—Distance from blade to throat of frame 12 inches; net weight 11 pounds... Each \$12.50

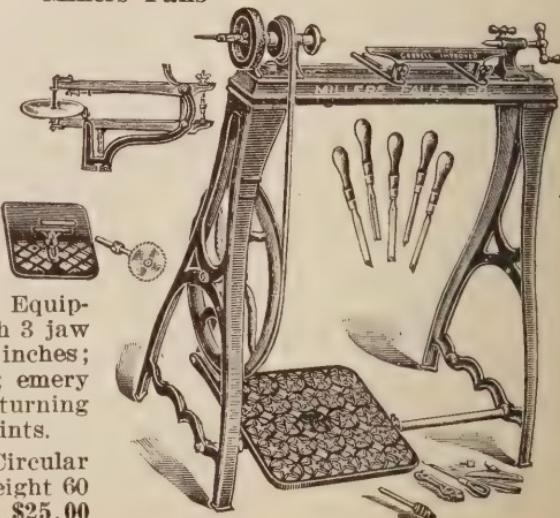
## WOOD LATHE AND SAW

Millers Falls

## For Amateur Work

Five inch swing, 14 inches between centers, two grooves on drive wheel cone pulley permits change of speed. Head has two inch face plate and spur center and screw center for turning cups. Tail stock has screw feed and can be clamped at any point. Equipped with drill spindle with 3 jaw chuck. Capacity 0 to  $\frac{1}{4}$  inches; short and long tool rests; emery wheel  $4 \times \frac{3}{4}$  inch; five turning tools, wrench and drill points.

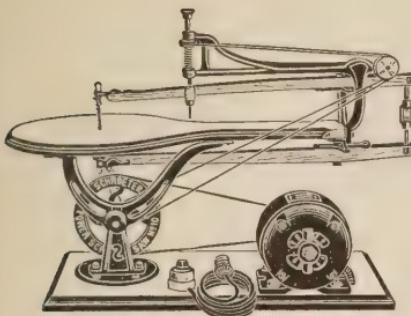
**No. 321**—With Fret and Circular Saw Attachment, net weight 60 pounds ..... Each \$25.00



*Prices Subject to Market Changes*

## SCROLL SAWS

## Schroeter's Improved Electric Motor Driven



This saw with improved boring attachment is designed for practical purposes in the pattern shop, printing shop, toy factories, manual training schools, carpenter shops and is used by cabinet makers, radio workers, model makers, repair shops, engravers, the mechanically inclined boy or man and all woodworkers. For accuracy it cannot be excelled. It will do all work from sawing very thin lumber up to 1 inch pine.

## Specifications

Complete height to top of drilling attachment 20 inches.

Complete depth of machine 30 inches.

Height from bottom of base board to top of table 11 $\frac{1}{4}$  inches.

Five inch saw blades from No. 000 jeweler's to  $\frac{1}{2}$  inch width are used.

Color of frame, gray. Drive wheel, deep red. Wood work, natural finish.

Equipped with  $\frac{1}{4}$  H. P. \*motor for alternating current, 110 volts, 60 cycle, single phase and includes lamp cord, snap switch and plug ready to attach to lamp socket and operate. Revolutions of motor, per minute, 1750.

Net weight, complete with motor, 46 pounds. Weight boxed, approximately 75 pounds.

## Equipment

We furnish, free, with each saw the following, viz.: One miniature catalog of scroll saw designs, 12 scroll saw blades, 5 inches long; one No. 50 twist drill, 2 scroll saw designs, one sheet of carbon or impression paper for copying designs on wood, direction sheet on how to set up scroll saw and directions on scroll sawing.

Each

**No. 10**—Complete with motor and snap switch.....\$52.50

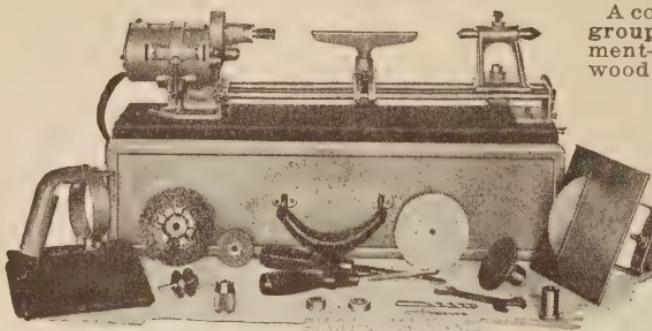
Price, without motor, switch, cord, plug.....30.00

**No. 15**—Complete as above, but with Rheostat control switch... 47.50

\*Note—Add \$7.50: For 220 volts A. C., 60 cycle, single phase. For 25, 30, 40 or 50 cycle, single phase, 110 or 220 volts. For direct current, 110 or 220 volts.

When ordering, always specify current, voltage and frequency of electric current.

## Prices Subject to Market Changes

**SPEED WAY SHOPS****Model 260**

A compact yet powerful group of tools and equipment—a whole metal and wood working outfit which operates wherever there is a light socket.

A single power unit (self contained, back geared motor with forced ventilation and unit control switch) which when applied gives complete shop as described below.

**Contents**

**Power Lathe**—Bed 12 in., 6 in. Swing, Tool Rest, Tail Stock, Metal and Wood Centers, Chuck, Spur Center, Face Plate, Parting Tool, Gouge Chisel, Universal Wrench.

**Finished Wood Base**, 25x6 in.

**Power Circular Saw**—Rigid Table, 5 in. Circular Saw.

**Model 260**—Complete as described above..... Each \$75.00

**Model 270**

Consists of Motor Saw, Motor Grinder, Motor Buffer and Motor Drill.

**Contents**

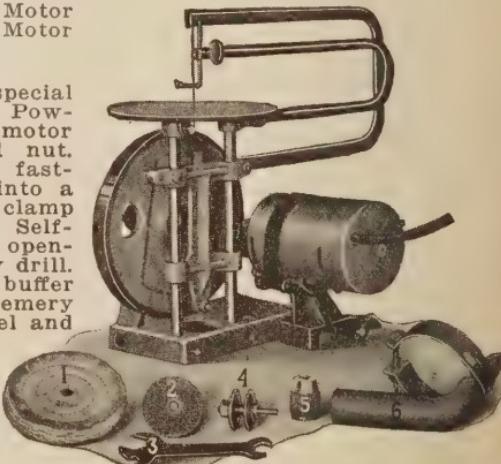
SpeedWay power unit, special back geared Universal motor. Power-driven jig saw. Jig saw motor base, clamp band, bolt and nut. Portable electric drill handle, fastens to motor to convert it into a portable drill. Headstock and clamp band, bolt and nut for motor. Self-tightening 3-jaw chuck,  $\frac{1}{4}$  in. opening, for portable or stationary drill. Arbor and collars for grinder, buffer and scratch brush. 3 in. emery wheel. 4 in. rag buffering wheel and six jig saw blades. Friction drive pulley for jig saw. Wrenches, Mounting screws.

Jig Saw is a regular Cabinet and pattern makers' model that cuts intricate patterns accurately but can be used for straight cutting. Motor supplies all power needed for any job. Attaches to light socket. Makes toys for children, keeps golf clubs clean and shiny, furniture repaired and built and thousands of other useful jobs.

**Model 270**—Complete as described above..... Each \$42.50

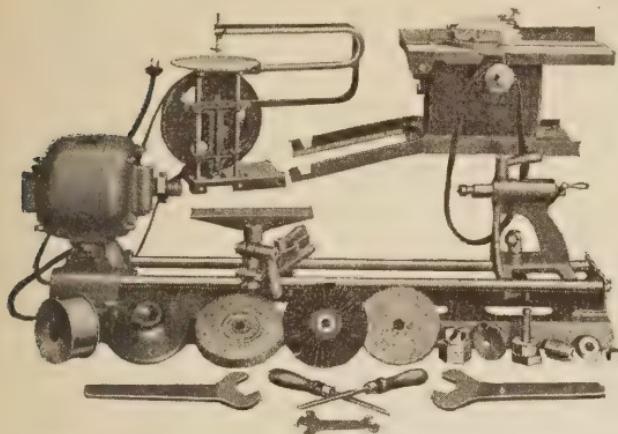
**Send for Catalog Showing Full Line of Speed Way Shop Equipment**

**Prices Subject to Market Changes**



## SUPER SPEED WAY SHOPS

### Model "S-S"—Series 265



#### Contents

##### No. 265 Lathe

Takes up to 10 in. diameter, and 18 in. lengths. Motor drive is direct by split phase induction or direct current motor of integral pedestal type headstock. Lubrication is by automatic waste packed bearings. Speed 1750 R. P. M. Switch control in pedestal base.

**Tail Stock**, screw feed type, quickly adjustable, with removable ring and 60° center.

**Tool Rest** heavy, to afford absolute rigidity. Instantly adjustable to all positions and angles.

**Face Plate** for turning bases and rosettes, heavy cast iron with screw holes for securing it to work. Capacity up to 10 inch diameter.

**Spur Center** with 4 teeth to insure positive grip.

**Accessory Arbor** of three piece simple arrangement, for supporting pulleys, grinder, buffer, scratch brush and drill chuck.

**Base**, one piece, ribbed, cast iron construction, making it possible to turn work down to  $\frac{1}{4}$  in. diameters without chatter.

**Wrenches**—Assortment of three to provide for all requirements.

#### Tool Assortment

6 in. Buffer, 6 in. Scratch Brush, 5 in. Grinding Wheel, Gouge Chisel, Parting Tool,  $\frac{1}{8}$  and  $\frac{1}{4}$  in. Carbon Steel Drill Bit,  $\frac{1}{4}$  in. Keyless Drill Chuck, Leatherette Tool Case for holding them.

**Jig Saw No. 240A**—Drives from motor through pulley and belt. Speed, 500 strokes per minute. Has full 10 in. throat giving capacity for 20 in. work by reversing material. Spring tension on both blades and working guard. Round table top, 6 in. diameter. Saws both metals and wood. Includes six Jig saw blades.

**Bench Saw No. 266**—Cast iron machined top, smooth and level. Bronze bearings. Provided with ripping fence and cut off gauge adjustable to any angle. Table top may be raised 20° for grooving. Speed 4000 R. P. M. Cuts up to  $1\frac{3}{4}$  in. Top of table 10x13 in. Includes 6 in. Novelty saw blade suitable for both ripping and cross-cutting.

**Model 265SS**—Complete as described above.....Each \$135.00

#### Extra Length Rails

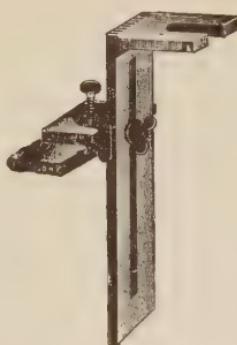
Extra length rails for turning 36 in. centers supplied instead of 18 in. rails at \$3.00 extra. Extra end support also included for supporting rails beyond base.

**Note**—Specify whether your current is 110 or 220 volts and whether alternating or direct. Can be equipped for operation on 32 volt direct or 220 volt alternating or direct current, at \$3.00 beyond regular 110 volt price.

**Prices Subject to Market Changes**

## FRET SAW TABLES

Pierce



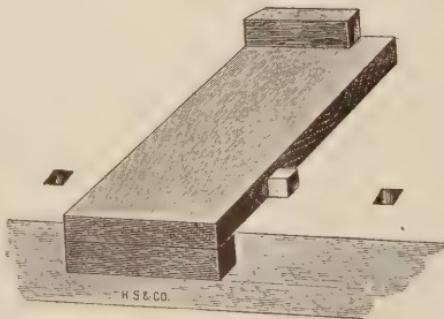
## For Manual Training Work

This table is particularly commendable for two features: First, it is adjustable to any height above desk from 3 to 20 inches, permitting student to work in a sitting or standing position; second, it can be instantly attached to any desk, table or bench.

No. 180.....Each \$2.10

## BENCH HOOKS

Wood

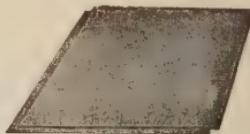


Made of selected maple. For odd sawing and chiseling, so that the bench will not be marred.

Bench Hook—Size 4½x12 inches..  
.....Each \$0.48

## SCROLL SAW WOOD

In Sheets 16x24 inches



## Basswood

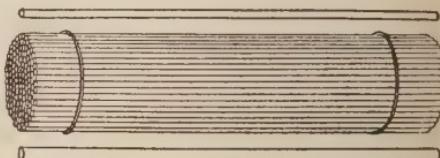
Single ply, inch.....	$\frac{1}{8}$	$\frac{1}{4}$
Each .....	\$0.27	.40
Three-ply, inch.....	$\frac{1}{8}$	$\frac{1}{4}$
Each .....	\$0.60	.60

## Mahogany Veneer

Faced one side.

Thickness, inch.....	$\frac{1}{4}$	$\frac{1}{4}$
Each .....	\$0.83	

## WOOD DOWELS



## Genuine White Birch

Sanded smooth. For general cabinet and pattern work.

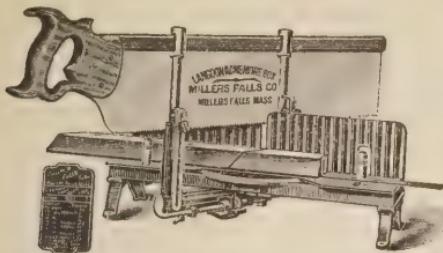
Note—We carry a large stock and can ship promptly.

## Prices per dozen

Diam., Inches	Length, Inches	
	36	42
$\frac{3}{16}$	\$0.20	.....
$\frac{1}{4}$	.20	\$0.25
$\frac{5}{16}$	.20	.25
$\frac{3}{8}$	.25	.25
$\frac{7}{16}$	.25	.25
$\frac{1}{2}$	.30	.35
$\frac{9}{16}$	.30	.35
$\frac{5}{8}$	.36	.45
$\frac{3}{4}$	.50	.60
$\frac{7}{8}$	.75	.85
1	1.00	1.05

Prices Subject to Market Changes

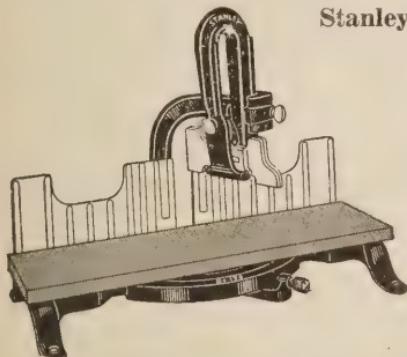
## MITRE BOXES Improved Langdon Acme



tain cuts. Notched bed plate determines the positive angles most used. Extension lever for quick acting adjustment on all except size 1 boxes. Length and depth gauges. Steel bottom boards roughened to prevent work from slipping.

Nos.	72	75
Size Nos.	2	2½
Saw, inches	24x4	30x5
Capacity at right angle, inches.	10¼	10¼
Capacity at mitre, inches.	7	7
Weight boxed, pounds	35	38
Weight net, pounds..	23½	25½
Each	\$17.30	21.10

## Stanley Open Front



No. 150—Takes any ordinary hand or panel saw; weight each 15 pounds. .... Each \$5.40

## Without Saw

Open front, simple in design and has few parts. It will take stock up to 4 inches in height and on account of its open front, boards of extra width can be sawed at any angle between 45 and 90 degrees. Saw guide can be adjusted for any thickness of saw as well as vertically to the base and saw can be adjusted square with the back.

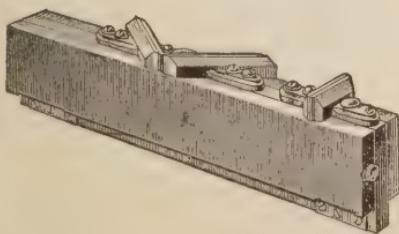
Black japanned iron frame, malleable iron legs.

## Gem Folding

### Adjustable Saw Guides

Thoroughly seasoned oak. Adapted to any size or style of hand or back saw. Occupies small space in tool box. Easily and quickly adjusted.

No. 1G—14 inches long, height of back 3 inches, takes moulding up to 2½ inches, weight each 4 pounds ..... Each \$2.40



*Prices Subject to Market Changes*

**CARPENTERS CLAMPS**  
Stearns "T" Steel Bar



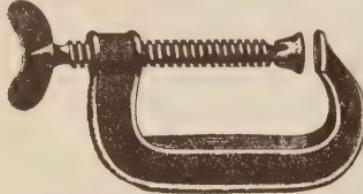
**Regular Size**

Special quality stiff steel "T" bar,  $\frac{3}{8} \times 1\frac{1}{2}$  inches; malleable iron sliding jaws and pawl;  $\frac{5}{8}$  inch steel screw.

No. 1—Opens, feet.....	2	3	4	5	6
Weight each, lbs.....	7	8	9	10	11 $\frac{1}{2}$
Each .....	\$2.15	2.30	2.30	2.90	5.30

**SCREW CLAMPS**

H. S. & Co. Carriage Makers

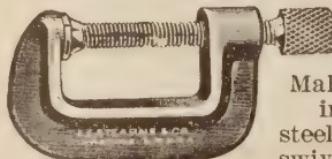


Malleable iron, with ball and socket swivel.

Nos.	Opens, Inches	Depth, Inches	Each
11	2	1 $\frac{7}{16}$	\$0.28
12	2 $\frac{1}{2}$	1 $\frac{1}{2}$	.28
13	3	2 $\frac{1}{16}$	.32
14	4	2 $\frac{5}{16}$	.45
15	5	2 $\frac{1}{2}$	.55
16	6	2 $\frac{3}{4}$	.72
17	7	2 $\frac{5}{8}$	.90
18	8	3 $\frac{5}{16}$	1.10
20	10	3 $\frac{1}{2}$	1.45
22	12	3 $\frac{1}{2}$	1.85

**DRAFTSMENS CLAMPS**

Handy

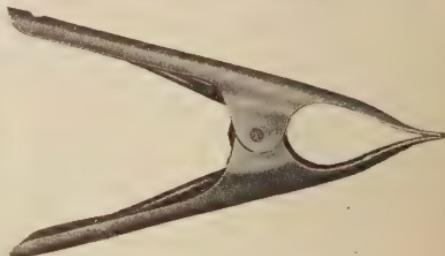


Malleable iron,  
steel screw,  
swivel head.

Nos. ....	1	2
Opens, inches.....	$\frac{3}{4}$	$\frac{3}{4}$
Depth, Inches.....	$\frac{5}{8}$	1 $\frac{1}{16}$
Each .....	\$0.14	.15

**GLUING CLAMPS**

H. S. & Co. Handy



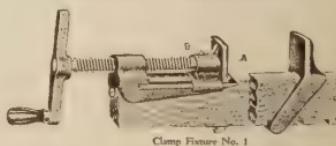
**Stamped Steel**

Oil tempered spring. Take the place of old style hand-screws and are very useful for holding glued joints.

Nos. ....	1	2	3
Length, inches.....	4	6	9
Opens, inches..	1	1 $\frac{1}{2}$	2 $\frac{3}{4}$
Each .....	\$0.25	.30	.60

**CLAMP FIXTURES**

Sheldon Detachable



Clamp Fixture No. 1

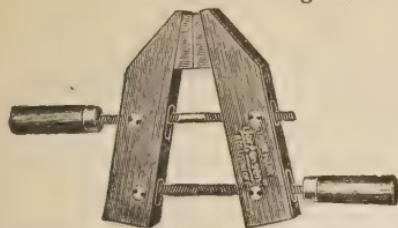
Fixtures only, malleable iron, steel screws, for use on wood bars.

No. 1—For wood bars 1 $\frac{1}{4}$  inches thick by 2 $\frac{1}{2}$  inches wide, weight per set 4 pounds.....Set \$1.20

*Prices Subject to Market Changes*

## HAND SCREWS

### Jorgensen Peerless Adjustable

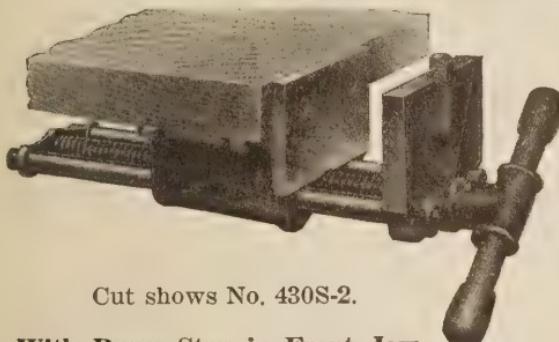


spindles and sockets made of steel, right and left thread.

Nos.	5/0	4/0	3/0	2/0	0	1	2	3	4	5
Jaws open, inches.	2	2½	3	3½	4½	6	8½	10	12	14
Length jaws, in..	4	5	6	7	8	10	12	14	16	18
Weight each, lbs.	7/8	1½	7/8	1	1½	2½	4½	5	7	8¼
Each .....	\$0.95	1.00	1.15	1.25	1.30	1.50	1.70	1.90	2.25	2.65

Note—Can also be furnished Rigid Non-adjustable, prices on application.

### WOODWORKERS VISES



Cut shows No. 430S-2.

#### With Brass Stop in Front Jaw

Nos.	430S-2
Width jaws, inches.....	10
Depth, inches .....	5
Opens, inches .....	12
Weight each, lbs.....	42
Each .....	\$8.20

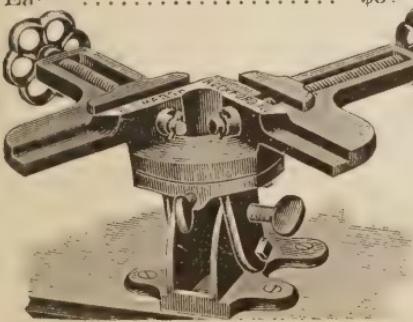
Nos.	430-2
Width jaws, inches.....	10
Depth, inches .....	5
Opens, inches .....	12
Weight each, lbs.....	42
Each .....	\$7.55

### PICTURE FRAME VISES

#### Marsh

With this vise any frame can be held in proper position for nailing perfectly and with greatest ease. It has the same base with swivel attachment as the Marsh Mitre Machine, allowing the frame to be swung or tipped in any position. Holds frames from 3½x3½ inches up, and takes any width of moulding up to 4 inches wide.

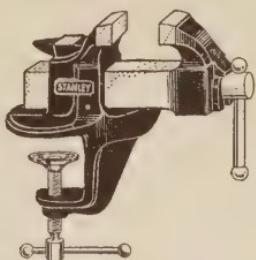
No. 400.....Each \$6.30



Prices Subject to Market Changes

**BENCH VISES**

Stanley

**Clamp Base**

Cold rolled steel screw, square thread; malleable nut; split washer takes up wear.

**Iron Jaws**

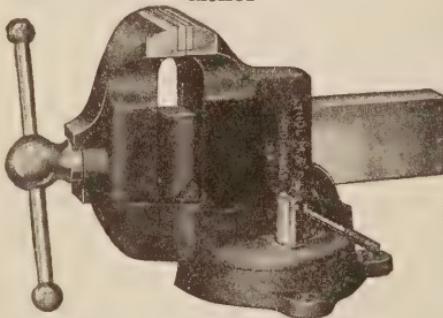
No.	Jaws, in.	Wt., lbs.	Each
741	1½	3	\$1.22

**Steel Jaws**

Nos.	Jaws, in.	Wt., lbs.	Each
761	1½	3	\$1.55
762	1¾	3¼	1.75
763	2	3½	2.05
765	2½	5	2.80
766	3	8¾	4.15

**MACHINISTS VISES**

Athol

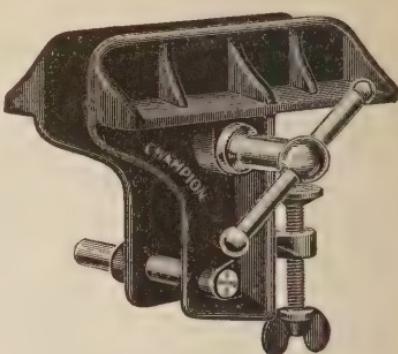
**Stationary Jaw, Swivel Base**

Semi-steel casting; tool steel jaw faces welded to vise.

Nos. ....	622½	623
Width jaw, inches..	2½	3
Jaws open, inches...	3½	4¼
Weight, lbs.....	16	27
Each .....	\$9.60	12.00

**HANDY VISES**

Champion

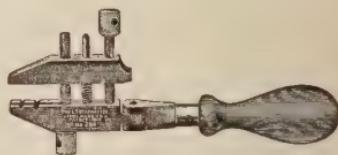
**Iron Jaws**

A practical wood workers vise. Can be carried in the carpenters kit. Fastens to anything from  $\frac{1}{8}$  to  $2\frac{1}{4}$  inch thick, bench, scaffold, buck, etc.

No. 555—Black japanned; weight each 4 pounds.....Each \$3.00

**HAND VISES**

Starrett



Angular adjustable handle can be set at various positions with relation to the jaws. Stationary jaw has three V-grooves for clamping round work and a spring keeps the adjustable jaw from dropping or sliding in opening and closing clamp. All steel parts case hardened. Hardwood polished handle.

No. 200—Opening capacity 1 inch; depth  $1\frac{1}{8}$  inches; length over all  $7\frac{1}{2}$  inches.....Each \$1.72

*Prices Subject to Market Changes*

## IRON BENCH PLANES

### Bailey Adjustable

Rosewood handles and knobs. Cutters adjustable endwise, sidewise.

#### Smooth Bottoms



#### Smooth Plane

Nos. . . . .	1	2	3	4	4½
Lgth, in. . . . .	5½	7	8	9	10
Cut., in. . . . .	1¼	1½	1¾	2	2½
Each . . . . .	\$2.65	3.10	3.25	3.40	4.05

#### Jack Plane

Nos. . . . .	5	5¼	5½
Length, inches. . . . .	14	11½	15
Cutter, inches. . . . .	2	1¾	2¼
Each . . . . .	\$3.80	3.60	4.65

#### Fore Plane

No. 6—Length 18 inches; 2½ inch Cutter . . . . .	Each \$5.00
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#### Jointer Plane

Nos. . . . .	7	8
Length, inches. . . . .	22	24
Cutter, inches. . . . .	2½	2½
Each . . . . .	\$5.95	7.10

#### Corrugated Bottoms



#### Smooth Plane

Nos. . . . .	3C	4C
Length, inches. . . . .	8	9
Cutter, inches. . . . .	1¾	2
Each . . . . .	\$3.40	3.55

#### Jack Plane

Nos. . . . .	5C	5½C
Length, inches. . . . .	14	15
Cutter, inches. . . . .	2	2¼
Each . . . . .	\$4.10	4.90

#### Fore Plane

No. 6C—Length 18 inches; 2½ inch Cutter . . . . .	Each, \$5.20
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#### Jointer Plane

Nos. . . . .	7C	8C
Length, inches. . . . .	22	24
Cutter, inches. . . . .	2½	2½
Each . . . . .	\$6.40	7.65

Prices Subject to Market Changes

### Bed Rock

Rosewood handles and knobs. Cutters adjustable endwise, sidewise.

#### Smooth Bottoms



#### Smooth Plane

Nos. . . . .	602	603	604
Length, inches. . . . .	7	8	9
Cutter, inches.. . . . .	1½	1¾	2
Each . . . . .	\$3.40	3.55	3.75



#### Jack Plane

No. 605—Length 14 inches; 2 inch Cutter . . . . .	Each \$4.25
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#### Fore Plane

No. 606—Length 18 inches; 2½ inch Cutter.....	Each \$5.45
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#### Jointer Plane

Nos. . . . .	607	608
Length, inches....	22	24
Cutter, inches.....	2½	2½
Each . . . . .	\$6.55	7.80

#### Gage Self-Setting

The plane iron, if taken out to be honed or sharpened, goes back in exactly the same position as before removal. Plane cap when taken out to allow removal of cutter likewise goes back in the same position. Plane iron consists of three pieces and can be made either single or double iron as desired for various kinds of work.

#### Smooth Plane

No. G4—Length 9 inches; 2 inch Cutter . . . . .	Each \$3.55
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## IRON BLOCK PLANES

## Bailey Adjustable



Cutters adjustable endwise and sidewise and rest on their seats at an angle of 20°. Throats adjustable for coarse or fine work.

"Hand-y" feature.



## Japan Trimmings

Nos. ....	9½	15
Length, inches....	6	7
Cutter, inches.....	1½	1½
Each .....	\$1.75	1.95

## Stanley Adjustable



## Screw Adjustment

Japanned trimmings, polished sides, rosewood knob, endwise screw adjustment.

This plane is in many ways better adapted for average use than any of the cheaper block planes made. It is ground on both bottom and sides.

No. 220—Length 7 inches; 1½ inch cutter; weight 1½ pounds.  
..... Each \$1.35

## BLOCK AND RABBET PLANES

## Stanley Adjustable



The detachable side will easily change this tool from a Block Plane to a Rabbet Plane, or vice versa. The cutter is set on a skew and is adjustable endwise.

No. 140—Length 7 inches; 1½ inch cutter; rosewood knob; nickelized trimmings; weight 1½ pounds..  
..... Each \$2.40

## Nickel Trimmings

Nos. ....	16	17
Length, inches....	6	7
Cutter, inches.....	1½	1½
Each .....	\$2.05	2.25

## Stanley Non-Adjustable



## Double End Block and Bull Nose

Has two slots and two cutter seats. The center seat and slot to be used for ordinary block plane work, the other slot and seat for use when it is desired to work same as a bull nose plane.

No. 130—Length 8 inches; 1½ inch cutter; hardwood knob; japanned trimmings; weight 1½ pounds .. Each \$1.40

## BULL NOSE RABBET PLANES

## Stanley



Very useful for working close up into corners or other difficult places. The mouth can be adjusted to different widths by means of the set screw on top of the plane.

No. 75—Japanned; length 4 inches; 1 inch cutter; weight each 5/8 pound .. Each \$0.60

Prices Subject to Market Changes

## CABINET MAKERS EDGE PLANES Stanley Adjustable



### Endwise Screw Adjustment

Has cutter resting on solid bed practically its entire length. Cutting edge being at extreme end gives tool form of chisel. No other plane can be worked in such a small space or so close up into corners..

**No. 97**—Length 10 inches;  $2\frac{1}{4}$  inch cutter; rosewood knob; weight  $3\frac{3}{4}$  pounds... Each \$3.60

## RABBET PLANES Stanley Handled



### Japanned Iron Stock

Will lie flat on either side and can be used with right or left hand while planing into corners or up against perpendicular surfaces. Fitted with a spur for working across the grain and detachable depth gauge.

Nos. ....	190	192
Length, inches.....	8	8
Cutters, inches.....	$1\frac{1}{2}$	1
Weight each, pounds.	$2\frac{1}{2}$	2
Each .....	\$2.40	2.10

## EDGE TRIMMING PLANES Stanley



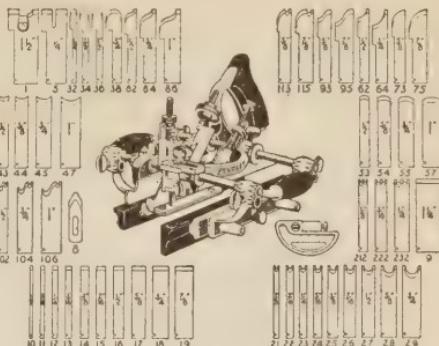
### Japanned

For trimming or smoothing edge of boards for square or close fit. Cutter works on a skew. Wood blocks of various bevels may be attached enabling user to make slanting cut.

**No. 95**—Length 6 inches;  $\frac{7}{8}$  inch cutter; weight each  $1\frac{1}{4}$  pounds. .... Each \$1.55

*Prices Subject to Market Changes*

## COMBINATION PLANES Stanley Patent Universal with "55" Cutters



### All Parts Interchangeable

All metal parts nickel plated. Handles and fence of selected rosewood, and every part is finished.

In addition to being a Beading Plane, a Plow, Dado, Rabbet, Fillerster, Match Plane, Sash Plane and a Slitting Plane, is also a Superior Moulding Plane and will accommodate cutters of almost any shape and size.

**No. 55**—10 inches long; complete with 55 cutters; weight each  $15\frac{1}{4}$  pounds..... Each \$23.40 Packed in a neat steel box, complete with cutters.

## SCRAPER PLANES Stanley, Single Handle



Japanned stock; rosewood handle and knob.

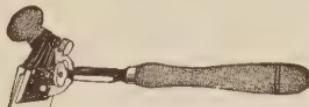
Handle and knob have same form as regular "Bailey" Plane, being preferred by some users to the two-handle or double grip form of Scraper Plane.

Blade adjustable endwise and for angle, and can be firmly locked in position desired.

**No. 112**—Length 9 inches; 3 inch cutter; weight 4 pounds..... Each \$3.45

## CABINET SCRAPERS

Stanley



## Single Handle, Adjustable

Handle can be tilted to give blade any angle desired. Special blades of different forms and widths can be securely held in any position required, thus permitting the tool to be worked in many places inaccessible to other scrapers. Handle and knob of hard-wood.

**No. 82**—Japanned; length 14½ in.; 3 in. blade; weight 1¾ pounds ..... Each \$1.55

**Extra Blades** ..... Each .25

## Disston



Size		Each
1 in. wide x 6 in. long.....	\$0.10	
2 in. wide x 6 in. long.....	.13	
3 in. wide x 4 in. long.....	.13	
3 in. wide x 6 in. long.....	.20	

## Swedish—Viking

Size, In.	Gauge	Each
2½x5	21	\$0.20
2½x6	21	.23
2½x6	19	.25
3 x6	19	.28

## CABINET BURNISHERS

H. S. &amp; Co.



## Oval

Especially adapted for putting the final edge on scraper blades. Length of blade 4½ inches..... Each \$0.60

*Prices Subject to Market Changes*

## MOULDING SCRAPERS

H. S. &amp; Co.



**No. 2**      **No. 4**      **No. 5**      **No. 6**



**No. 7**      **No. 8**      **No. 9**      **No. 10**

(Cuts one-quarter size)

Nos.		Each
2	.....	\$0.20
4	.....	.20
5	.....	.20
6	.....	.20
7	.....	.20
8	.....	.20
9	.....	.20
10	.....	.20

## In Sets

**Set of Eight**—One each Nos. 2, 4, 5, 6, 7, 8, 9, 10..... Set \$1.50

## SPOKE SHAVES

Millers Falls



### Four Faced

Handles removable for convenience in working in narrow places; all metal parts polished and nickelated.

Quickly adjustable throat regulator, may be turned about to present four different faces to the knife—one flat, two oval or convex, and one concave. Wide or narrow throat may be had. Handles are cocobolo, highly polished.

Knife is adjustable with set screws.

**No. 2**—Length of blade 2 inches; length over all 11 inches; weight 8 ounces ..... Each \$2.20

### Stanley "Bailey"



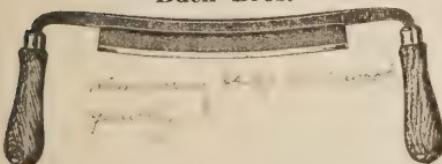
### Adjustable Mouth

By means of a thumb screw the mouth can be opened or closed as coarse or fine work may be required. High grade steel cutters, tempered and sharpened ready for use.

**No. 53**—Raised handle, 10 inches long; 2½ in. Cutter.. Each \$0.60

## DRAWING KNIVES

Buck Bros.



### No. 71½—Solid Cast Steel

Length, inches.	6	8	10
Each .....	\$1.20	1.30	1.60

Prices Subject to Market Changes

## WOOD CHISELS

Buck Bros.



### No. 35—Regular Socket, Plain Edge

Polished applewood handles; sharpened ready for use. The 1 inch chisel has 5½ inch blade.

Size, In	Each	Size, In.	Each
1/8 .....	\$0.58	7/8 .....	\$0.79
1/4 .....	.58	1 .....	.85
3/8 .....	.58	1 1/4 .....	.94
1/2 .....	.62	1 1/2 .....	1.02
5/8 .....	.68	2 .....	1.29
3/4 .....	.74	...	....

### Above Chisels in Sets

**No. 35A**—Set consists of one each 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2 in. Chisels.. Set \$9.00



### No. 36—Regular Socket, Beveled Edge

Extra quality, polished hickory handles with leather tips. Sharpened ready for use.

Size, In.	Each	Size, In.	Each
1/8 .....	\$0.84	7/8 .....	\$1.07
1/4 .....	.84	1 .....	1.13
3/8 .....	.84	1 1/4 .....	1.29
1/2 .....	.90	1 1/2 .....	1.39
5/8 .....	.95	2 .....	1.81
3/4 .....	1.02	...	....

### Above Chisels in Sets

**No. 36A**—Set consists of one each 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2 in. Chisels.. Set \$13.25

*and will be one class*

## WOOD CHISELS

Buck Bros.



No. 2—Regular Tanged,

## Plain Edge

Best quality, polished applewood handles. Sharpened ready for use. The 1 inch chisel is  $5\frac{1}{2}$  inches long from bolster to point.

Size, In.	Each	Size, In.	Each
$\frac{1}{8}$	\$0.38	$\frac{7}{8}$	\$0.55
$\frac{1}{4}$	.38	1	.58
$\frac{3}{8}$	.38	$1\frac{1}{4}$	.75
$\frac{1}{2}$	.42	$1\frac{1}{2}$	.90
$\frac{5}{8}$	.46	2	1.26
$\frac{3}{4}$	.50		

## Above Chisels in Sets

No. 2A—Set consists of one each  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ , 2 inch chisels..... Set \$7.35



No. 30—Regular Tanged,

## Beveled Edge

Leather tipped, polished hickory handles. Sharpened ready for use.

Size, In.	Each	Size, In.	Each
$\frac{1}{8}$	\$0.59	$\frac{7}{8}$	\$0.72
$\frac{1}{4}$	.59	1	.77
$\frac{3}{8}$	.59	$1\frac{1}{4}$	1.00
$\frac{1}{2}$	.63	$1\frac{1}{2}$	1.14
$\frac{5}{8}$	.67	$1\frac{3}{4}$	1.42
$\frac{3}{4}$	.70	2	1.60

## Above Chisels In Sets

No. 30A—Set consists of one each  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$  and 2 inch chisels.. Set \$9.50



No. 3—Butt Tanged,

## Plain Edge

Handled and sharpened ready for use. Length 9 inches over all.

Size, In.	Each
$\frac{1}{4}$	\$0.38
$\frac{3}{8}$	.38
$\frac{1}{2}$	.42
$\frac{3}{4}$	.50
1	.58
$1\frac{1}{4}$	.72
$1\frac{1}{2}$	.86



No. 4—Butt Tanged,

## Beveled Edge

Leather tipped, polished hickory handles. Sharpened ready for use. Length 9 inches over all.

Size, In.	Each
$\frac{1}{4}$	\$0.58
$\frac{3}{8}$	.58
$\frac{1}{2}$	.62
$\frac{3}{4}$	.70
1	.75
$1\frac{1}{4}$	.96
$1\frac{1}{2}$	1.09
$1\frac{3}{4}$	1.36
2	1.53

Prices Subject to Market Changes

## WOOD GOUGES

Buck Bros.



### No. 8—Regular, Tanged

Outside bevel, regular sweep.  
Best quality polished applewood handles. Sharpened ready for use.  
The 1 inch gouge is 5½ inches long from bolster to point.

Size, In.	Each	Size, In.	Each
1/8 .....	\$0.54	3/4 .....	\$0.66
1/4 .....	.54	7/8 .....	.73
5/8 .....	.54	1 .....	.76
1/2 .....	.57	1 1/4 .....	.99
6/8 .....	.61	1 1/2 .....	1.18

### Above Gouges in Sets

**No. 8A**—Set consists of one each  
1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4,  
1 1/2, 1 3/4 and 2 inch Gouges....  
.....Set \$9.80



### No. 42—Regular, Socket

Outside bevel, regular sweep.  
Best quality polished applewood handles. The 1 inch gouge has  
5½ inch blade.

Size, In.	Each	Size, In.	Each
1/4 .....	\$0.85	1 .....	\$1.20
5/8 .....	.85	1 1/4 .....	1.33
1/2 .....	.91	1 1/2 .....	1.48
3/4 .....	1.03	...	.....

### Above Gouges in Sets

**No. 42A**—Set consists of one each  
1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4,  
1 1/2, 1 3/4 and 2 inch gouges....  
.....Set \$13.20

## WOOD TURNING TOOLS

Buck Bros.

Best quality applewood handles,  
with cast brass ferrules. Sharpened ready for use.

## CHISELS

The 1 inch chisels have blades  
about 6 1/4 inches long.



### No. 19—Skew Point

Inch..	1/4	3/8	1/2	5/8	3/4	1
Each.	\$0.72	.72	.79	.85	.95	1.02



### No. 19 1/4—Round Point

Inch.	1/4	3/8	1/2	5/8	3/4	1
Each.	\$0.82	.82	.90	.97	1.06	1.31



### No. 19 1/2—Square Point

Inch.	1/4	3/8	1/2	5/8	3/4	1
Each.	\$0.82	.82	.90	.97	1.06	1.31

## GOUGES



### No. 20

The 1 inch gouge has 6 1/4 inch blade.

Inch	1/4	3/8	1/2	5/8	3/4	1
Each	\$0.93	.93	.99	1.05	1.19	1.49

## PARTING TOOLS



### No. 18

Length 8 1/2 to 9 1/2 inches over all; not sharpened; without handles.

Size, inches....	1/2	5/8	3/4
Each .....	\$0.57	.63	.69

*Prices Subject to Market Changes*

## WOOD CARVING TOOLS

Genuine J. B. Addis, Sheffield, England  
Ground sharp but not honed



Straight



Long Bend.



Short Bend.

## How Carving Tools are Measured

Nos. 1 to 32, width of cutting edge, measured in a straight line from point to point.

Nos. 41 to 46, length of one side of cutting edge.

See pages 56 and 57 for illustration of sweeps.

Note — Smaller sizes take price of next nearest listed size.

Size, inches.....		$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Nos. 1 and 2—Straight Chisels .....	{ Dozen Each	.....	.....	4.80 .55	5.60 .60	6.40 .70	6.80 .75
Nos. 3 to 9—Straight Gouges .....	{ Dozen Each	.....	.....	5.60 .60	6.60 .70	7.40 .80	7.80 .90
No. 10—Straight Gouges..	{ Each Dozen	.....	.....	6.40 .70	7.20 .75	9.60 1.05	11.20 1.20
No. 11—Straight Gouges..	{ Each Dozen	6.40 .70	7.20 .75	7.20 .75	9.60 1.05	11.20 1.20	12.80
Nos. 12 to 18—Long Bend Gouges .....	{ Dozen Each	.....	.....	6.80 .75	7.60 .80	10.40 1.10	12.00 1.30
Nos. 19 and 20—Long Bend Gouges.....	{ Dozen Each	6.80 .75	8.40 .90	8.40 .90	10.40 1.10	12.00 1.30	14.40
Nos. 21 to 23—Short Bend Chisels .....	{ Dozen Each	.....	.....	.....	6.00 .65	8.40 .90	10.40 1.10
Nos. 24 to 30—Short Bend Gouges .....	{ Dozen Each	.....	.....	6.80 .75	7.60 .85	10.40 1.10	12.00 1.30
Nos. 31 and 32—Short Bend Gouges.....	{ Dozen Each	6.80 .75	8.40 .90	8.40 .90	10.40 1.10	12.00 1.30	14.40
No. 39—Straight Parting Tools .....	{ Dozen Each	8.40 .90	9.40 1.00	10.40 1.10	13.00 1.15	16.40 1.45	20.40 1.75
No. 40—Long Bend Parting Tools.....	{ Dozen Each	9.20 1.00	10.20 1.10	11.20 1.20	13.80 1.30	17.20 1.50	21.20 2.25
No. 41—Straight Parting Tools .....	{ Dozen Each	8.40 .90	9.40 1.00	10.40 1.10	13.00 1.15	16.40 1.45	20.40 1.75
No. 42—Long Bend Parting Tools.....	{ Dozen Each	9.20 1.00	10.20 1.10	11.20 1.20	13.80 1.30	17.20 1.50	21.20 2.30
Nos. 43 and 44—Short Bend Parting Tools....	{ Dozen Each	9.20 1.00	10.20 1.10	11.20 1.20	13.80 1.30	17.20 1.50	21.20 1.85
No. 45—Straight Parting Tools .....	{ Dozen Each	8.40 .90	9.40 1.00	10.40 1.10	13.00 1.15	16.40 1.45	20.40 1.75



Veining Tool

Very fine, short veining tool for engraving varnished work.

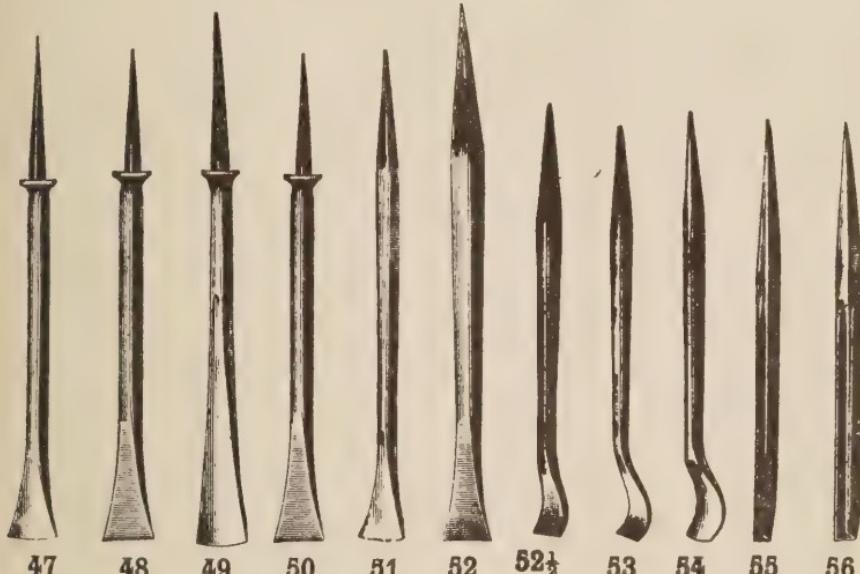
No. 11—Size  $\frac{1}{4}$  inch..... Each \$0.70

Prices Subject to Market Changes

**WOOD CARVING TOOLS****Genuine J. B. Addis, Sheffield, England****FISHTAIL TOOLS**

Fishtail Tools are not regularly carried in stock, but we shall be pleased to correspond with and quote prices to those interested in Fishtail Tools upon receipt of specifications.

**Note**—In ordering Fish Tail or Spade gouges, quote the numbers as used for regular carving tools.



47      48      49      50      51      52      52½      53      54      55      56

Each

No. 47—Fish Tail Spade Gouge, sweeps as 3 to 9.....	.
No. 48—Fish Tail Spade Chisel.....	.
No. 49—Long Pod Spade Gouge, sweeps as 3 to 9.....	.
No. 50—Long Pod Spade Chisel.....	.
No. 51—Unshouldered Chip Gouge.....	.
No. 52—Unshouldered Chip Chisel.....	.
No. 52½—Bent Back Ground Tool.....	.
No. 53—Unshouldered Chip Chisel, Bent.....	.
No. 54—Unshouldered Chip Gouge, Bent.....	.
No. 55—Unshouldered Chip Veining Tool, handled.....	.
No. 56—Unshouldered Parting Tool.....	.

**CARVING TOOL HANDLES****Round Maple**

Dozen .....	\$0.35	Dozen .....	\$0.60
Each .....	.05	Each .....	.06

**Octagon Maple***Prices Subject to Market Changes*

**WOOD CARVING TOOLS****Genuine J. B. Addis, Sheffield England**

Illustrating shapes  $\frac{3}{8}$  of actual sizes. The illustrations of the sweeps in a few cases vary slightly from the tools, as it is almost impossible to have cuts made of the exact sweeps of some of the gouges.

SIZE (IN.)	1/8	5/32	1/16	5/64	3/32	7/64	1/8	5/32	3/16	1/4	5/16	3/8	7/16	1/2
21	1	-	-	-	-	-	-	-	-	-	-	-	-	-
22	2	-	-	-	-	-	-	-	-	-	-	-	-	-
23	3	-	-	-	-	-	-	-	-	-	-	-	-	-
24	12	3	-	-	-	-	-	-	-	-	-	-	-	-
25	13	4	-	-	-	-	-	-	-	-	-	-	-	-
26	14	5	-	-	-	-	-	-	-	-	-	-	-	-
27	15	6	-	-	-	-	-	-	-	-	-	-	-	-
28	16	7	-	-	-	-	-	-	-	-	-	-	-	-
29	17	8	-	-	-	-	-	-	-	-	-	-	-	-
30	18	9	-	-	-	-	-	-	-	-	-	-	-	-
31	19	10	-	-	-	-	-	-	-	-	-	-	-	-
32	20	11	-	-	-	-	-	-	-	-	-	-	-	-
44	42	41	-	-	-	-	-	-	-	-	-	-	-	-
43	40	39	-	-	-	-	-	-	-	-	-	-	-	-
46	45	-	-	-	-	-	-	-	-	-	-	-	-	-

HAMMACHER SCHLEMMER &amp; CO NEW YORK

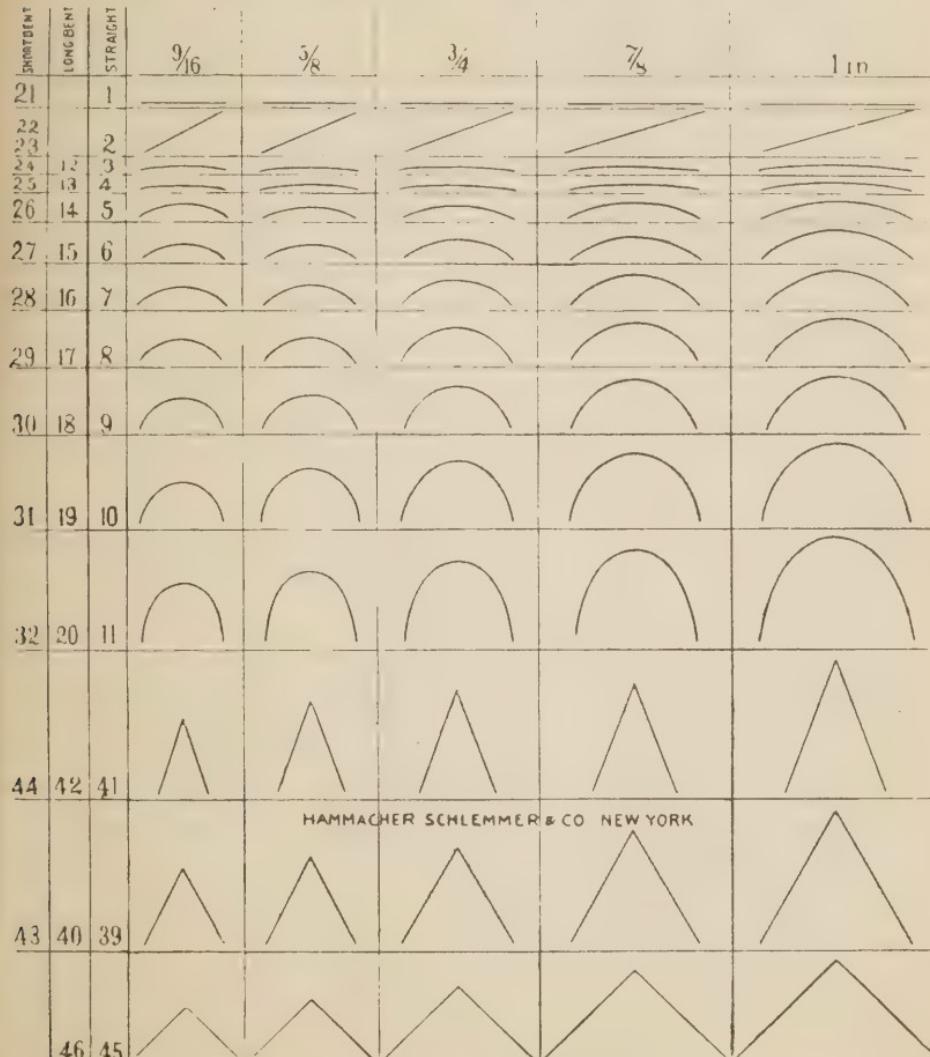
See page 54 for listing.

*Prices Subject to Market Changes*

## WOOD CARVING TOOLS

Genuine J. B. Addis, Sheffield, England

Illustrating shapes  $\frac{2}{3}$  of actual sizes. The illustrations of the sweeps in a few cases vary slightly from the tools, as it is almost impossible to have cuts made of the exact sweeps of some of the gouges.



See page 54 for listing.

*Prices Subject to Market Changes*

## WOOD CARVING TOOLS IN SETS

Genuine J. B. Addis, Sheffield, England

These sets contain the well-known Sheffield make tools, with maple handles, blades ground sharp but not honed. The sizes and sweeps are those generally used by practical wood carvers. Each tool is carefully selected and the sets are put up in nicely finished cases and canvas rolls.

## In Oak Cases



## Twelve Tool Sets

Contents: One each No. 1,  $\frac{1}{4}$  and  $\frac{1}{2}$  inch; No. 3,  $\frac{3}{8}$  and  $\frac{5}{8}$  inch; No. 5,  $\frac{1}{4}$  and  $\frac{1}{2}$  inch; No. 6,  $\frac{1}{4}$  and  $\frac{1}{2}$  inch; No. 7,  $\frac{7}{16}$  inch; No. 8,  $\frac{1}{4}$  inch; No. 10,  $\frac{1}{8}$  inch; No. 45,  $\frac{1}{4}$  inch.

- 1 Washita Oil Stone, No. 26.
- 1 Washita Round-edge Slip, No. 11.
- 1 Arkansas Triangular Stick, No. 20.
- 1 Special Arkansas Carving Tool Slip, No. 15.
- 1 Carvers Marker, No. 8.
- 1 Illustrated Book of Instructions.

Per Set

No. 11—Round Handles ... \$12.80  
No. 12—Octagon Handles... 13.20

## Six Tool Sets

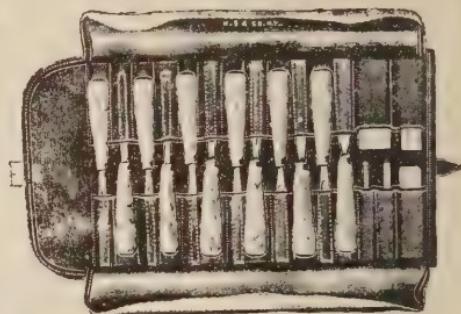
Contents: One each No. 1,  $\frac{3}{8}$  inch; No. 3,  $\frac{1}{2}$  inch; No. 5,  $\frac{1}{4}$  inch; No. 6,  $\frac{7}{16}$  inch; No. 10,  $\frac{1}{8}$  inch; No. 45,  $\frac{1}{4}$  inch.

- 1 Washita Oil Stone, No. 26.
- 1 Special Arkansas Carving Tool Slip, No. 15.
- 1 Carvers Marker, No. 8.
- 1 Illustrated Book of Instructions.

Per Set

No. 13—Round Handles .... \$7.40  
No. 14—Octagon Handles.... 7.60

## In Canvas Rolls



## Twelve Tool Sets

Contents: One each No. 1,  $\frac{1}{4}$  and  $\frac{1}{2}$  inch; No. 3,  $\frac{3}{8}$  and  $\frac{5}{8}$  inch; No. 5,  $\frac{1}{4}$  and  $\frac{1}{2}$  inch; No. 6,  $\frac{1}{4}$  and  $\frac{1}{2}$  inch; No. 7,  $\frac{7}{16}$  inch; No. 8,  $\frac{1}{4}$  inch; No. 10,  $\frac{1}{8}$  inch; No. 45,  $\frac{1}{4}$  inch.

- 1 Washita Oil Stone, No. 26.
- 1 Washita Round-edge Slip, No. 11.
- 1 Arkansas Triangular Stick, No. 20.
- 1 Special Arkansas Carving Tool Slip, No. 15.
- 1 Carvers Marker, No. 8.
- 1 Illustrated Book of Instructions.

Per Set

No. 21—Round Handles ... \$11.60  
No. 22—Octagon Handles... 11.80

## Six Tool Sets

Contents: One each No. 1,  $\frac{3}{8}$  inch; No. 3,  $\frac{1}{2}$  inch; No. 5,  $\frac{1}{4}$  inch; No. 6,  $\frac{7}{16}$  inch; No. 10,  $\frac{1}{8}$  inch; No. 45,  $\frac{1}{4}$  inch.

- 1 Washita Oil Stone, No. 26.
- 1 Special Arkansas Carving Tool Slip, No. 15.
- 1 Carvers Marker, No. 8.
- 1 Illustrated Book of Instructions.

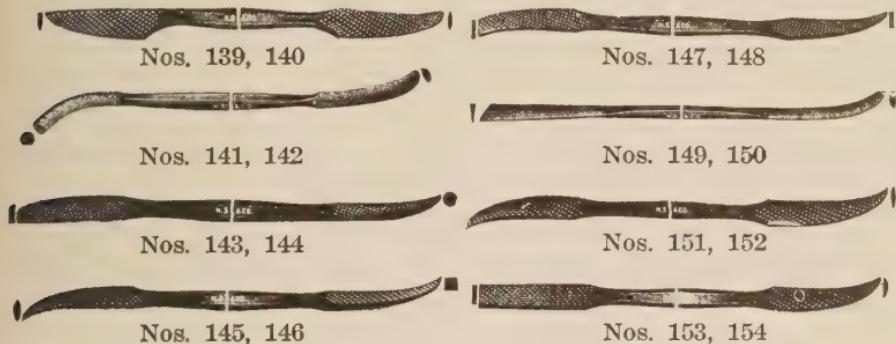
Per Set

No. 23—Round Handles .... \$7.30  
No. 24—Octagon Handle.... 7.50

Prices Subject to Market Changes

## WOOD CARVERS RASPS

Double-ended French wood rasps. The choice of the expert wood carver. Carefully toothed and tempered from finest steel. In various shapes for work in places not accessible to ordinary rasp. Much used for other fine work, particularly marble carving.



### In 6 inch Lengths

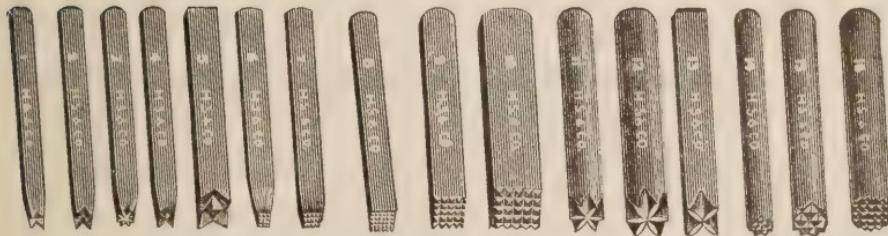
Nos.	139	141	143	145	147	149	151	153
Each	\$0.70	.70	.70	.70	.70	.70	.70	.70

### In 8 inch Lengths

Nos.	140	142	144	146	148	150	152	154
Each	\$0.85	.85	.85	.85	.85	.85	.85	.85

## WOOD CARVERS MARKERS

H. S. & Co.



These markers are made of a special high grade tool steel, polished, carefully hardened and tempered. The designs are those most suitable for background work in wood carving.

Nos.	1	2	3	4	5	6	7	8
Each	\$0.40	.40	.40	.40	.40	.40	.40	.40
Nos.	9	10	11	12	13	14	15	16
Each	\$0.40	.40	.35	.35	.35	.35	.35	.35

*Prices Subject to Market Changes*

**WOOD CARVERS BENCHES**

**Wood Carvers Bench.....** Each \$16.00

**WOOD CARVERS MALLETS**

No.	1	2	3
Diameter of face, inches.....	2½	3	3½
Each .....	\$0.55	.55	.65

**MANUAL TRAINING KNIVES**

All knives on this page are made of finest crucible tool steel and finely finished. They are carefully and thoroughly tempered and shaped to give a firm yet easy grip. Fully warranted.

**CARVERS**

**No. 1—Extra quality, 2½ inch blade.....** Each \$0.28



Particular attention is called to this knife, as it is the proper "shape" and size best adapted for chip carving.

**No. 3—Extra quality, 2¼ inch blade.....** Each \$0.30

**SLOYD**

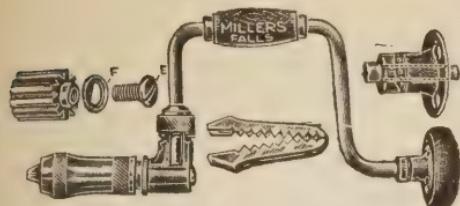
These knives have shank running through handle and riveted on end.

**No. 6—2¾ inch blade..** Each \$0.40    **No. 7—2½ inch blade..** Each \$0.35

**Prices Subject to Market Changes**

## BIT BRACES

### Millers Falls



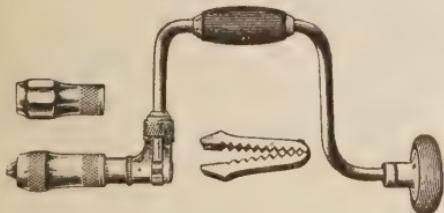
#### Improved Ratchet

Polished and nickel plated steel; cocobolo wood. Ball bearing head. Non-splitting, always free acting sweep handle with inserted steel rings and adjustable bearings clamped with screws. Covered ratchet teeth with exposed ratchet dogs. Patent cup washer and screw to hold chuck to sweep without working loose. Forged steel alligator jaws holding bit stock and many sizes of round and irregular shanks.

Size of		
Nos.	Sweep, in.	Each
31	12	\$4.15
32	10	4.00
33	8	3.90
34	6	3.90

One in a box.

### Millers Falls



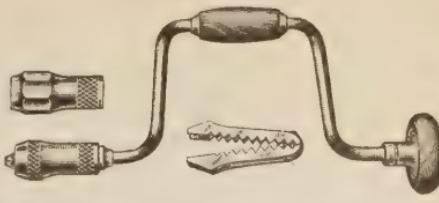
#### Ratchet

Open ratchet. Ball bearing head. Polished and nickel plated steel; stained hardwood. Brass rings inserted in sweep handle. Forged steel alligator jaws.

Nos. ....	322	323
Sweep, inches.....	10	8
Each ..... \$3.30	3.20	

One in a box.

### Millers Falls



#### Plain, Non-Ratchet

Polished and nickel plated steel; stained hardwood. Brass rings inserted in sweep handle. Forged steel alligator jaws.

Nos. ....	222	223
Sweep, inches.....	10	8
Each ..... \$1.90	1.85	

One in a box.

### Yankee



#### Ratchet

Has accurate, ball bearing chuck of new design with unusual grip. Firmly holds round, taper and square shank bits without loosening in use, yet releases easily. Capacity,  $\frac{1}{2}$  inch round shanks; square shanks  $\frac{5}{8}$  inch across corners. Dust-proof, moisture-proof ratchet works so easily, most bits start without holding chuck. Quick, positive shifter. Both handles of hard rubber, unbreakable and do not warp, shrink or swell. Ball bearing, steel clad head. Built and finished like a precision tool. Polished and nickel plated.

Nos. ....	2100/8	2100/10
Sweep, inches....	8	10
Weight each, lbs. ....	3	3 $\frac{1}{8}$
Each ..... \$7.35	7.50	

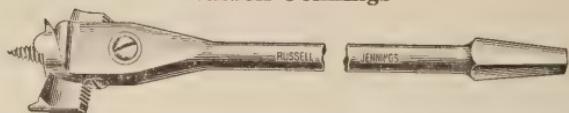
One in a box.

*Prices Subject to Market Changes*

## EXPANSIVE BITS

Russell Jennings

Solid Head



Screw Adjustment

## Two Cutters

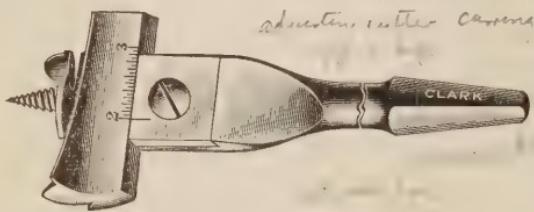
A passage way formed in the solid head takes the cutter which is adjusted by a worm in mesh with threads on cutter, which forms a rack. Pitch of adjusting screw is such that one complete turn changes diameter of hole  $\frac{1}{8}$  inch, one-half turn changes diameter of hole  $\frac{1}{16}$  inch, and so on. Creeping of cutter is prevented by clamping screw which holds worm and cutter firmly in position. Genuine crucible tool steel, full polished; tempered and sharpened cutter.

**No. 71**—With two cutters, cuts from  $\frac{7}{8}$  to  $2\frac{1}{2}$  inches; length over all  $10\frac{1}{2}$  inches; weight each 8 ozs.....Each \$2.00

## Extra Cutters for Russell Jennings Expansive Bits

**No. 73**— $\frac{7}{8}$  to  $1\frac{1}{2}$  in.. Each \$0.55    **No. 72**— $1\frac{1}{2}$  to  $2\frac{1}{2}$  in.. Each \$0.45

## Clark Pattern



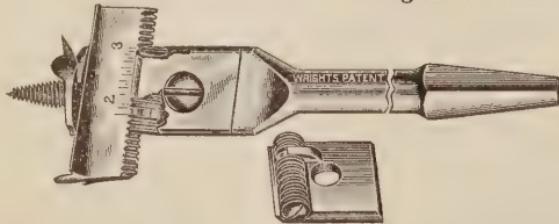
## Two Cutters

Cast steel, polished; extra tool steel cutters, accurately tempered; adjusted by one screw; cutter is beveled on upper edge to hold it perfectly rigid and prevent slipping or creeping.

**No. 1—Large**,  $9\frac{1}{2}$  inches long, with 2 cutters, one boring from  $\frac{7}{8}$  to  $1\frac{3}{4}$  inches, the other  $1\frac{3}{4}$  to 3 inches; weight each 11 ozs.. Each \$1.95

**No. 2—Small**, 8 inches long, with 2 cutters, one boring from  $\frac{1}{2}$  to  $\frac{7}{8}$  inches, the other  $\frac{7}{8}$  to  $1\frac{1}{2}$  inches; weight each 5 ozs.. Each \$1.35

## Wrights Patent



## Two Cutters

With micrometer screw adjustment.

Cast steel, polished, tool steel cutters.

The cutters absolutely cannot creep or slip. For strength and ease of boring this bit has no equal.

**No. 10—Large**,  $9\frac{1}{2}$  inches long, with 2 cutters, one boring  $\frac{7}{8}$  to  $1\frac{3}{4}$  inches, the other  $1\frac{3}{4}$  to 3 inches; weight each 11 ounces... Each \$2.75

**No. 20—Small**,  $8\frac{1}{2}$  inches long, with 2 cutters, one boring  $\frac{5}{8}$  to  $1\frac{1}{8}$  inches, the other  $1\frac{1}{8}$  to  $1\frac{3}{4}$  inches; weight each 5 ounces... Each \$2.35

Prices Subject to Market Changes

## AUGER BITS

Russell Jennings



### No. 100—Forged Crucible Tool Steel

Oil tempered, polished twist and stem, natural finish shank, double spur and extension lip, double thread on screw,  $4\frac{1}{2}$  inch twist,  $8\frac{1}{2}$  inches over all.

Inches, in 16ths.....	3	4	5	6	7	8	9	10
Each .....	\$0.60	.50	.50	.50	.50	.50	.60	.60
Inches, in 16ths.....	11	12	13	14	15	16	17	18
Each .....	\$0.70	.70	.84	.84	.96	.96	1.20	1.20

## AUGER BITS IN SETS

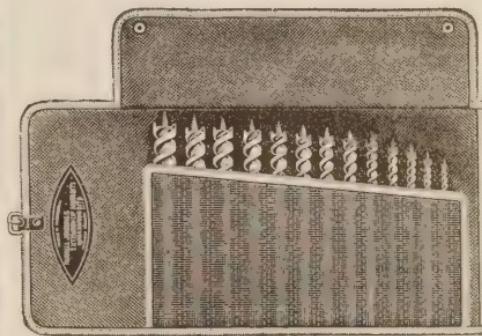
Russell Jennings



### No. 100 Bits in Three Section Box

In fancy hardwood boxes, varnished; with brass hinges and catches.

**No. J32½** — Thirteen Bits,  $32\frac{1}{2}$  quarters; one each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15,  $1\frac{1}{16}$  sixteenths; complete in three-section box as described above; weight per set 5 pounds..... Set \$9.35



### No. 100 Bits in Canvas Roll

Selected canvas roll, leather edged; separate pocket for each bit.

**No. J32½R** — Thirteen Bits,  $32\frac{1}{2}$  quarters; one each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15,  $1\frac{1}{16}$  sixteenths; complete in canvas roll; weight per set about  $3\frac{1}{4}$  pounds..... Set \$9.35

*Prices Subject to Market Changes*

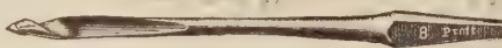
**BITS****Forstner**

For smooth, round or square boring, scroll and twist work. Bores any arc of a circle. Especially adapted for hardwood working.

The Forstner labor-saving auger bit, unlike other bits, is guided by its circular rim instead of its center, consequently it will bore any arc of a circle and can be guided in any direction regardless of grain or knots, leaving a true, polished surface. It is preferable and more expeditious than chisel, gouge, scroll saw or lathe tool combined, for core boxes, fine and delicate patterns, veneers, screen work, scalloping, fancy scroll twist columns, newels, ribbon moulding, mortising, etc.

**For Brace, Square Tapering Shank**

Inches, 16ths.....	4	5	6	7	8	9	10	12	14	16
Length, inches.....	6 1/4	6 1/4	6 1/4	6 1/4	6 3/4	6 3/4	6 3/4	7 1/4	7 1/4	7 3/4
Each .....	\$0.85	.85	.95	.95	1.00	1.09	1.09	1.23	1.33	1.62

**GIMLET BITS**

Hand forged crucible steel, sharpened by hand, carefully hardened and oil tempered. Length over all, 4 to 6 1/2 inches.

Inches, 32nds.....	2	3	4	5	6	7	8	9	10	11	12
Each .....	\$0.12	.12	.12	.12	.12	.12	.12	.12	.12	.15	.15

**TWIST BITS FOR WOOD**

Cleveland

**No. 114A—With Bit Brace Shank**

Will fit any bit brace and are for use in wood only, but are not injured by accidental contact with nails, screws or other metals and can be kept sharp by grinding.

Size Nos.	Diam., inches	Length Over All, in.	Each	Size Nos.	Diam., inches	Length Over All, in.	Each
2	2/32	3 1/2	\$0.18	9	9/32	7	\$0.31
3	3/32	4	.18	10	10/32	7 1/2	.34
4	4/32	4 5/8	.18	11	11/32	7 7/8	.36
5	5/32	5 1/8	.20	12	12/32	8	.39
6	6/32	5 1/8	.23	13	13/32	8 1/4	.42
7	7/32	6 1/8	.25	14	14/32	8 1/2	.45
8	8/32	6 1/8	.28	16	16/32	9	.53

*Prices Subject to Market Changes*

## PLUG CUTTERS

H. S. & Co.



**Best Cast Steel, Carefully Tempered**

No. 6080—Size, inches.....	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Each .....	\$0.48	.48	.48	.48	.48

## COUNTERSINKS

Rose Head

For wood or soft metal. Bit brace shank.



Forged steel, polished shank, milled head.

No. 10—Size, inches.....	$\frac{1}{4}$	$\frac{5}{8}$	$\frac{3}{4}$
Each .....	\$0.50	.50	.55

## REAMERS



No. 40



No. 142

For wood or soft metal. Length 4 inches; taper from  $\frac{1}{2}$  to  $\frac{1}{8}$  inch. Bit brace shank.

### Square

Each

No. 40—Ground concave.....	\$0.48
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### Six Flutes

Each

No. 142—Size 1.....	\$0.65
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## SCREW DRIVER BITS



## NAIL SETS



### No. 10—Forged Crucible Steel

Oil tempered and polished.

Point, Length, Wt. Ea.,

inch	inches	ounces	Each
$\frac{1}{4}$	4 $\frac{1}{2}$	1 $\frac{1}{3}$	\$0.22
$\frac{5}{16}$	4 $\frac{3}{4}$	1 $\frac{1}{2}$	.25
$\frac{3}{8}$	5	2	.30
$\frac{1}{2}$	5	2 $\frac{1}{3}$	.32
$\frac{5}{8}$	5	2 $\frac{2}{3}$	.36
$\frac{3}{4}$	5	3	.45

### No. 10—Round Body

Twist drill steel, tempered ends, knurled body, blued finish, cupped point.

Point, inch.....	$\frac{3}{4}$	$\frac{1}{8}$	$\frac{5}{16}$
Each .....	\$0.12	.12	.12
Point, inch.....	$\frac{3}{2}$	$\frac{7}{8}$	$\frac{1}{2}$
Each .....	\$0.12	.12	.12

*Prices Subject to Market Changes*

## TWIST DRILLS

Jobbers Straight Shank, Short Set

No. 108  
Carbon SteelNo. 917  
High Speed Steel

Diam., inches	Each		L'gth. Over All, in.	Diam., inches	Each		L'gth. Over All, in.
	Carbon Steel	High Speed			Carbon Steel	High Speed	
1/8	\$0.07	\$0.20	2 1/2	1/4	\$0.17	\$0.60	4 3/8
5/64	.07	.20	2 5/8	5/32	.18	.60	4 1/2
3/32	.08	.21	2 3/4	11/64	.20	.69	4 5/8
7/64	.08	.21	2 7/8	13/64	.21	.69	4 3/4
1/8	.08	.21	3	23/64	.24	.78	4 7/8
9/64	.08	.21	3 1/8	35/64	.26	.78	5
5/32	.08	.21	3 1/4	47/64	.27	.86	5 1/8
11/64	.09	.29	3 3/8	59/64	.30	.86	5 1/4
13/64	.10	.29	3 1/2	71/64	.33	1.00	5 3/8
11/32	.11	.31	3 5/8	83/64	.36	1.00	5 1/2
7/32	.12	.31	3 3/4	95/64	.40	1.08	5 5/8
15/64	.13	.42	3 7/8	107/64	.43	1.08	5 3/4
1/4	.14	.42	4	119/64	.44	1.15	5 7/8
31/64	.15	.52	4 1/8	131/64	.50	1.15	6
3/8	.16	.52	4 1/4	.....	.....	.....	.....

## Short Set Straight Shank Drills In Sets—Pocket Package

The drills roll into a snug, flat package which fits into a handy vest pocket envelope of tough non-tearing material.

The package keeps them in perfect condition—ready for instant use with no mussing around in the tool box for missing sizes.

## Auto Set

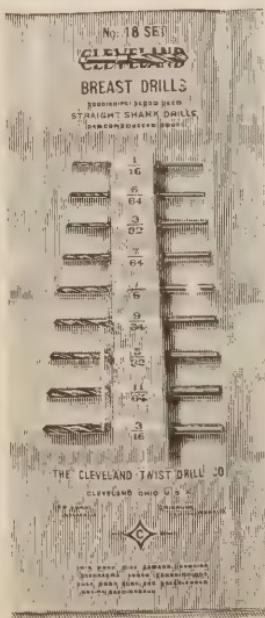
Set No. 18 designed particularly for the auto-tist or garageman.

**No. 18**—9 sizes, one each  
 $\frac{1}{16}$ ,  $\frac{5}{64}$ ,  $\frac{3}{32}$ ,  $\frac{7}{64}$ ,  $\frac{1}{8}$ ,  $\frac{9}{64}$ ,  
 $\frac{11}{64}$ ,  $\frac{13}{64}$  and  $\frac{15}{64}$  inch....  
 .....Per Set \$0.72

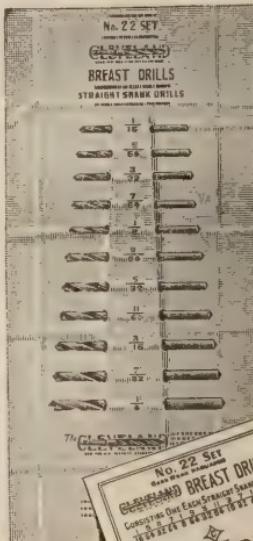
## Radio Set

The range of sizes in this set particularly appeals to the mechanic as they are a good selection for use in hand and breast drills.

**No. 22**—11 sizes, one each  $\frac{1}{16}$ ,  $\frac{5}{64}$ ,  $\frac{3}{32}$ ,  $\frac{7}{64}$ ,  $\frac{1}{8}$ ,  
 $\frac{9}{64}$ ,  $\frac{11}{64}$ ,  $\frac{13}{64}$ ,  $\frac{15}{64}$  and  
 $\frac{1}{4}$  in....Per Set \$1.00



No. 18.



No. 22.



Prices Subject to Market Changes

## HAND DRILLS

Yankee

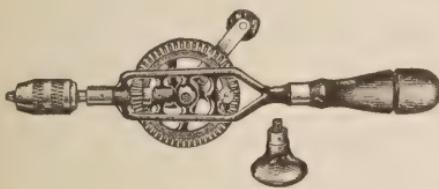
Can be adjusted by a shifter on cylinder; with slide in first notch the tool is a plain drill; in second, a left hand ratchet; in third, a right hand ratchet; in fourth, a double ratchet; in fifth, drill is locked to adjust chuck.



Single speed, with right and left hand and continuous ratchet movement. Dead black finish. Malleable iron frame, steel spindle, cut gears, 4x1½ inch detachable hollow hard-wood handle.

No. 1530—10½ inches long, three-jawed round shanks only, without drill points, weight each 1¼ pounds.. . . . .	Each \$4.50
No. 1430—Same as No. 1530, except without ratchet movement.....	Each \$3.20

## Millers Falls, Complete with Drill Points



Enameled iron frame, red large gear, nickel plated parts, cut gears with adjustable equalizing bearing, ball thrust bearing, hollow cocobolo handle with screw cap containing eight ( $\frac{1}{8}$  to  $\frac{1}{4}$  inch) drill points. Detachable side handle.

No. 1—12½ inches long, three-jawed chuck holding 0 to $\frac{1}{8}$ inch round shanks, weight each 1¾ pounds.....	Each \$3.00
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## AUTOMATIC DRILLS

Yankee



No. 41—11½ inches long with drill point, steel and brass construction, nickel plated, magazine in handle for holding drill points, complete with 8 drill points, $\frac{1}{8}$ to $\frac{1}{4}$ inch, weight each 11 ounces.. . . . .	Each \$2.30
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The cap on top of drill has a screw attached to it, by revolving which, the spring is made weaker or stronger to suit work in hand and save breakage of drill points.

No 44—11¼ inches long with drill point, steel and brass construction, nickel plated, adjustable spring tension, magazine in handle for holding drill points, complete with 8 drill points, $\frac{1}{8}$ to $\frac{1}{4}$ inch, weight each 11 ounces.....	Each \$2.80
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*Prices Subject to Market Changes*

## SCREW DRIVERS

## Yankee Improved Spiral Ratchet

Nickel plated parts, polished hardwood handle, with 3 sizes of bits.

Regular Pattern, Right  
or Left Hand  
and Rigid

Nos. ....	30A	31A
Length extended, inches .....	19 1/4	26 1/4
Length closed, inches.....	13 1/2	17 1/2
Weight, pounds .....	1 1/8	1 1/4
Each .....	\$2.65	3.60

## Light Pattern, Right or Left Hand and Rigid

No. 35—Length with bit in chuck when closed 9 1/8 inches; full length when extended 12 1/8 inches; with 3 sizes of straight bits, weight 1/2 pound ..... Each \$2.00

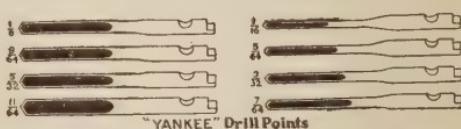
## Yankee Quick Return Spiral Ratchet

Nickel plated parts, polished hardwood handle, with 3 sizes of bits

Right or Left Hand  
and Rigid

Regular Nos. 30A and 31A Yankee Screw Drivers with spring in handle, which causes handle to come back for the next push, in driving screws in and out. More rapid as well as convenient in practical use, than pulling the handle back.

Nos. ....	130A	131A
Length extended, inches .....	20 1/2	28
Length closed, inches .....	15	19 1/2
Weight, pounds .....	1 1/8	1 1/4
Each .....	\$3.05	4.10

YANKEE CHUCKS WITH DRILL POINTS  
For Use with Yankee Spiral Ratchet Screw Drivers

Chuck showing drill point in position to be inserted into chuck of driver.

## Drill Sets with Chuck

No. 30C—8 drill points, $\frac{1}{16}$ to $\frac{1}{4}$ inch, for Nos. 30A and 130A screw drivers .....	Set \$0.95
No. 31C—8 drill points, $\frac{1}{16}$ to $\frac{1}{4}$ inch, for Nos. 31A and 131A screw drivers .....	Set \$0.95
No. 35C—3 drill points, one each $\frac{1}{16}$ , $\frac{5}{32}$ and $\frac{3}{16}$ inch, for No. 35 screw driver .....	Set \$0.45
Chucks only .....	Each .15

## YANKEE SCREW HOLDERS



A longer bit than regular, with holder attached to hold screw. When screw is driven in place the jaws open as the head of screw sinks into wood.

No. 30—For Nos. 30A and 130A Screw Drivers..... Each \$0.55

Prices Subject to Market Changes

## SCREW DRIVERS Yankee Ratchet



### Right and Left Hand and Rigid

Forged cast steel bits, tempered, ground and polished. Other metal parts nickel plated and buffed. Polished hardwood handles. Construction of ratchet and pawls is such that neither can bend, break, wear nor get out of order.

Adjustment for right or left hand is made by slide moved in direction of length of blade.

No. 10—Length blade, inches...	2	3	4	5	6
Each .....	\$0.58	.72	.77	.85	.95

### Genuine Champion

Every blade tested to split a screw head. The blade is forged from the toughest steel, tempered with great care, and shrunk into a solid malleable bolster which rests in heavy ferrule, while tang (which forms a part of the bolster) enters and passes nearly through the handle.



### Regular Blade

Polished steel blades; cherry stained fluted hardwood handles; polished steel ferrules.

Length blades, inches	2½	3	4	5	6	8	10	12
Diam. blades, inches	1/8	1/8	1/4	1/8	1/8	3/8	7/8	7/8
Each .....	\$0.32	.38	.40	.42	.48	.60	.75	.90



### Slim Blade

Polished steel blades; cherry stained fluted hardwood handles; polished steel ferrules.

Length blades, inches.....	3½	4½	5½	6½
Diameter blades, inches.....	1/8	1/8	1/8	1/8
Each .....	\$0.35	.35	.45	.50

## MAGAZINE SCREW DRIVERS Edelmann



Practical, useful screw drivers in one compact tool. Can be carried in the vest pocket. Protective shield over large blade. Small sizes fit in handle of the large size. Screw cap. Best grade steel, nickel plated.

4 In 1—Length over all 6 inches; with three smaller screw drivers, 3½, 2½ and 1¼ inches long.....Each \$0.45

3 In 1—Same as 4 In 1 except 3¾ inches over all and with two smaller screw drivers 2½ and 1¼ inches; without blade shield. Each \$0.25

*Prices Subject to Market Changes*

**HOLLOW TOOL HANDLES****Millers Falls**

Nickel plated steel chuck and jaws. The socket and shell threads are carefully cut in order to mesh perfectly and insure holding the shell tight against the jaws.

Cocobolo handle, shaped to fit the hand comfortably, and with exceptionally smooth, highly polished surfaces. Threads on screw caps are deep and clean cut.

Tools are of high grade steel carefully tempered and honed to a keen cutting edge.

**Ten Tools**

**No. 5**—Consists of handle and ten tools as illustrated, length of handle  $7\frac{1}{2}$  inches; length of tools 4 inches; weight each 14 ounces ..... Each \$2.40

**Ten Tools**

**No. 4**—Consists of handle and ten tools as illustrated, length of handle  $6\frac{1}{4}$  inches; length of tools  $2\frac{1}{4}$  inches; weight each 10 ounces ..... Each \$1.75

**AWLS****Stanley "Hurwood"**

Blade, shank and head formed of one piece of steel, carefully tempered point; two patent projecting wings under head, together with a rivet passing through the steel ferrule, handle and shank, securely fasten the blade in the handle. Handle stained black.

**BRAD AWLS**  
**Hurwood****Flat Point**

<b>No.</b> .....	<b>17</b>
Length blade, inches.....	$1\frac{1}{4}$
Length over all, inches.....	5
Weight each, ounces.....	2
Each .....	\$0.32

**SCRATCH AWLS**  
**Hurwood****Needle Point**

<b>Nos.</b> .....	<b>6</b>	<b>7</b>
Length blade, inches.....	$2\frac{3}{4}$	$3\frac{1}{2}$
Length over all, in... ..	$5\frac{7}{8}$	$6\frac{1}{2}$
Weight each, oz.....	2	3
Each .....	\$0.31	.33

**SCRATCH AWLS**  
**Buck Bros.**

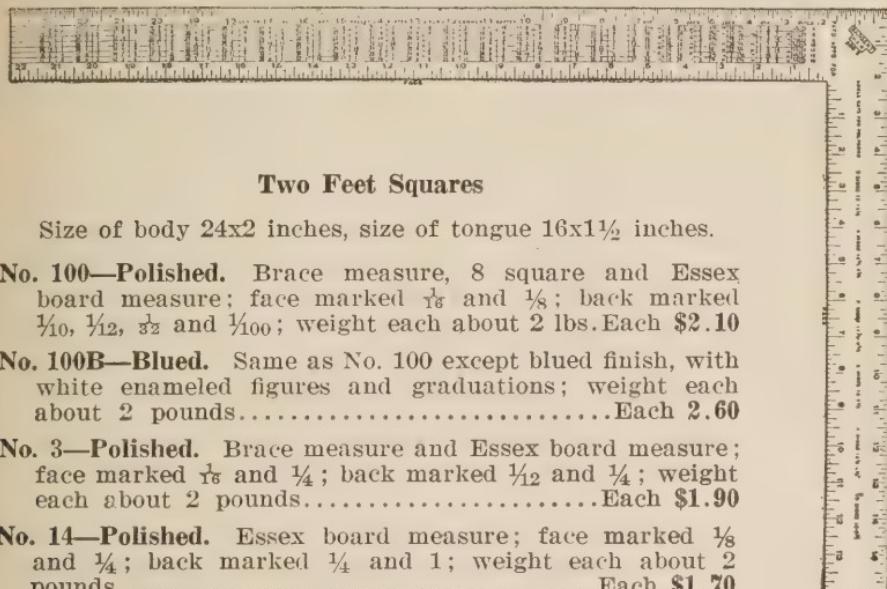
Forged steel blade, maple handle, heavy ferrule.

**No. 86**—Length of blade 4 inches, length over all 7 inches; weight each 2 ounces..... Each \$0.17

*Prices Subject to Market Changes*

## CARPENTERS STANDARD STEEL SQUARES

Sargent



### Two Feet Squares

Size of body 24x2 inches, size of tongue 16x1½ inches.

- No. 100—Polished.** Brace measure, 8 square and Essex board measure; face marked  $\frac{1}{8}$  and  $\frac{1}{8}$ ; back marked  $\frac{1}{10}$ ,  $\frac{1}{12}$ ,  $\frac{3}{32}$  and  $\frac{1}{100}$ ; weight each about 2 lbs. Each \$2.10
- No. 100B—Blued.** Same as No. 100 except blued finish, with white enameled figures and graduations; weight each about 2 pounds..... Each 2.60
- No. 3—Polished.** Brace measure and Essex board measure; face marked  $\frac{1}{8}$  and  $\frac{1}{4}$ ; back marked  $\frac{1}{12}$  and  $\frac{1}{4}$ ; weight each about 2 pounds..... Each \$1.90
- No. 14—Polished.** Essex board measure; face marked  $\frac{1}{8}$  and  $\frac{1}{4}$ ; back marked  $\frac{1}{4}$  and 1; weight each about 2 pounds ..... Each \$1.70

### TRY SQUARES

Disston



#### No. 5½—Iron Stock

Steel blade, square inside and out; nickel plated.

Size—In..    4    6    8    10    12  
Each..... \$0.46 .60 .67 .87 1.03



#### No. 1—Rosewood Stock

Brass faced, tempered and blued steel blade.

Size—In.... 4½    6    7½    9  
Each..... \$0.43 .57 .60 .80

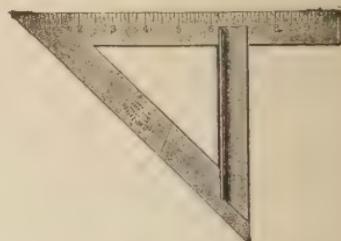
Size—In..... 10    12    15  
Each ..... \$0.85 1.05 1.33

*Prices Subject to Market Changes*

**TRY AND MITRE SQUARES****Disston****No. 10—Rosewood Stock**

Heavy brass face plate; special "L" shaped steel blade.

**Size—In...**    6    7½    9    12  
Each..... \$0.61   .75   .90   1.15

**H. S. & Co.**

**No. 3—All steel, nickel plated; 10 inch blade .....** Each \$0.75

**COMBINATION SQUARES****Starrett****With Level, Mitre and Plumb**

This square will readily appeal to the carpenter and others not requiring a fine graduation of the blade or a scribe. The head may be clamped to any point of the blade. The blade is graduated 8ths and 16ths on both sides, and the lines and figures are very distinct. It is also convenient to square a piece with a surface and at the same time tell whether one or the other is level or plumb. The blade can be used separately as a rule. Combines a marking gauge, rule, square, mitre, depth gauge, height gauge, level and plumb.

**No. 94—Length 12 inches.....** Each \$1.20

**SLIDING T BEVELS****Disston****No. 3—Iron Stock**

Nickel plated iron stock, steel blade. The blade is easily secured by turning the thumb screw at the lower end of handle.

**Size, inches....**    6    8    10  
Each ..... \$0.72   .90   1.00

**No. 2—Rosewood Stock**

Rosewood stock, heavy brass plates; tempered and blued steel blade.

**Size, inches....**    6    8    10  
Each ..... \$0.48   .54   .56

**Prices Subject to Market Changes**

**WOOD PLUMBS AND LEVELS****Stanley****Hardwood, Non-Adjustable, Proved Glasses**

Polished hardwood small stock,  $1\frac{1}{4} \times 2\frac{3}{8}$  inch square brass top plate, plain side views, proved glasses, handy finger grips.

No. 104—Length, inches.....	12	14	16	18
Weight each, lbs.....	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Each .....	\$1.00	1.00	1.05	1.05

**Hardwood, Brass Tips, Non-Adjustable, Proved Glass**

Polished hardwood small stock,  $1\frac{1}{4} \times 2\frac{5}{8}$  inch square brass top plate, plain side views, brass tips on ends, proved glasses.

No. 104½—Length 12 inches; weight each $\frac{3}{4}$ pound.....	Each \$1.55
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**Rosewood, Brass Bound, Adjustable, Ground Glasses**

Polished rosewood small stock,  $1\frac{1}{8} \times 2\frac{1}{8}$  inch square brass top plate, brass lipped side views, brass plumb rings, brass bound edges, solid brass tips, ground glasses.

No. 98—Length, inches.....	6	12	18
Weight each, lbs.....	$1\frac{1}{8}$	$2\frac{1}{8}$	$2\frac{3}{4}$
Each .....	\$2.25	3.48	4.50

**STEEL PLUMB BOBS****Sargent**

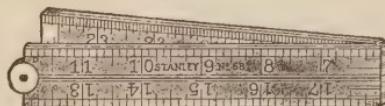
Hexagon steel, nickel plated, brass screw top.

Nos. .....	208	212
Weight, oz.....	8	12
Each .....	\$0.60	.70

**Prices Subject to Market Changes**

## BOXWOOD RULES

Stanley

**Two Feet, Four Fold, 1 inch Wide**

No. 68 — Round joint, middle plates; marked 8ths and 16ths inches; weight each 2 ounces...  
..... Each \$0.20

**Two Feet, Four Fold, 1 inch Wide**

No. 53—Arch joint, edge plates, drafting scales; marked 8ths, 10ths, 12ths and 16ths inches; weight each  $3\frac{1}{2}$  oz.. Each \$0.46

## ZIG ZAG RULES

## Stanley, Concealed Joints

Flexible hardwood; patented direction arrows and strike plates; brass plated joints, tips and strike plates.

Six inch folds,  $\frac{5}{8}$  inch wide; graduated 16ths inch on both sides; continuously marked with the numbers 1, 2, 3, etc., commencing on outside of rule.



## White Enameled

Nos. ....	104	105	106
Feet ....	4	5	6
Each ....	\$0.40	.50	.60



## Yellow Enameled

Nos. ....	804	805	806
Feet ....	4	5	6
Each ....	\$0.27	.32	.38

## Lufkin

Flexible hardwood,  $\frac{5}{8}$  inch wide, marked 16ths of inches, brass plated steel joints and tips, 6 inch folds.



## Yellow Enameled

Nos. ....	054	056
Length, feet....	4	6
Each ....	\$0.40	.60

## White Enameled

Nos. ....	064	066
Length, feet....	4	6
Each ....	\$0.55	.65

Prices Subject to Market Changes

## EXTENSION RULES

Lufkin



### Boxwood

Marked consecutive inches to 16ths, both sides. Brass slide marked inches to 16ths. Rivet type spring joints. Markings especially distinct. Natural boxwood finish.

Particularly designed for taking inside measurements of openings such as door and window frames, for boilers and other such measurements as are difficult to take with ordinary folding rule. Also serves every purpose of a common rule in ordinary measuring. Appeals especially to carpenters, architects, contractors, inspectors, automobile workers and others. A 6 inch graduated brass slide fitted into first section; slide runs in a T slot, has stop at each end and cannot fall out. Extension slide also adapted to measure depth of mortises and other holes.

No. .... X8536  
Feet ..... 6  
Folds ..... 12  
Each ..... \$1.10

## CALIPER RULES

Stanley

Boxwood Caliper Rules have the caliper slide made of brass and machined to accurately fit the "T" slot in the leg of the rule. The slides are regularly graduated in 16ths of inches.

All caliper rules are regularly made with caliper left hand as shown in the illustration.

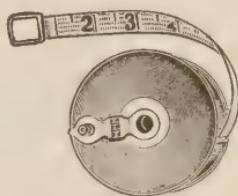


### One Foot, Two Fold, 1 3/8 inches Wide

No. 36 1/4 — Square joint, marked 8ths, 10ths, 12ths and 16ths inches; weight each 2 1/2 ounces ..... Each \$0.72

## MEASURING TAPES

Universal



### With 1/2 inch Linen Corded Tape

Marked feet and inches one side only. Sheet steel case, brass bound, sides maroon enameled, brass folding handles and trimmings.

Nos. ....	730	733	735	736
Feet ....	25	50	75	100
Each ....	\$0.55	.85	1.10	1.35

*Prices Subject to Market Changes*

**WOOD MARKING GAUGES****Stanley**

Boxwood, polished; square head; single oval form bar; graduated in 16ths inches for 6 inches from point; brass screw; bar protected by brass shoe; adjustable point; brass face plate inserted in the head to prevent wear.



Concave Work



Convex Work

**With Circular Face Plate**

This gauge has a device consisting of a brass face with two ribs attached to one side of the head which enables the operator to run a gauge line with perfect steadiness and accuracy around curves of any degree, either concave or convex.

No. 165.....Each \$0.80

**Without Circular Plate**

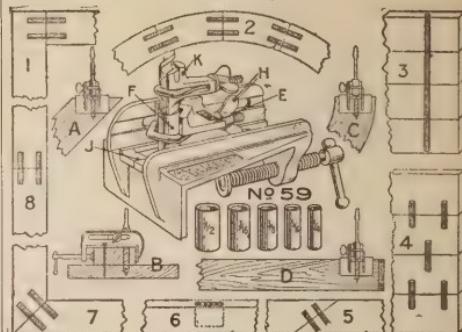
No. 65.....Each \$0.75

**BIT GAUGES****Stanley Adjustable**

Can be attached to any size bit up to 1 inch diameter. Two projections engage with the twist of the bit so it can be accurately set for the bit to bore to any depth desired. Stops on both sides of the bit insures it remaining upright when desired depth is reached.



No. 49—Cast iron frame, nickel plated; length 2½ inches; weight each 7 oz. Each \$.75

**DOWELING JIGS****Stanley****Nickel Plated**

For boring dowel holes in the edge, end or surface of work. Will take any thickness of material up to 3 inches. Also used as a bit guide for mortising. Depth gauge furnished which can be used with or without jig.

No. 59—With five guides, one each  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$  and  $\frac{1}{2}$  inch; weight each  $1\frac{1}{2}$  pounds.....Each \$2.30

**DOWEL SHARPENERS****Stanley****Nickel Plated**

Cuts very rapidly and can be readily resharpened.

No. 22—4 inches long, 1 inch tip, malleable iron.....Each \$0.40

**DOWEL PLATES****Carbon Steel, Polished**

No. 111C—6 inches long,  $1\frac{1}{2}$  inches wide,  $\frac{3}{8}$  inch thick, with 5 holes, 1 each  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$  and  $\frac{1}{2}$  inch diameter.....Each \$.62

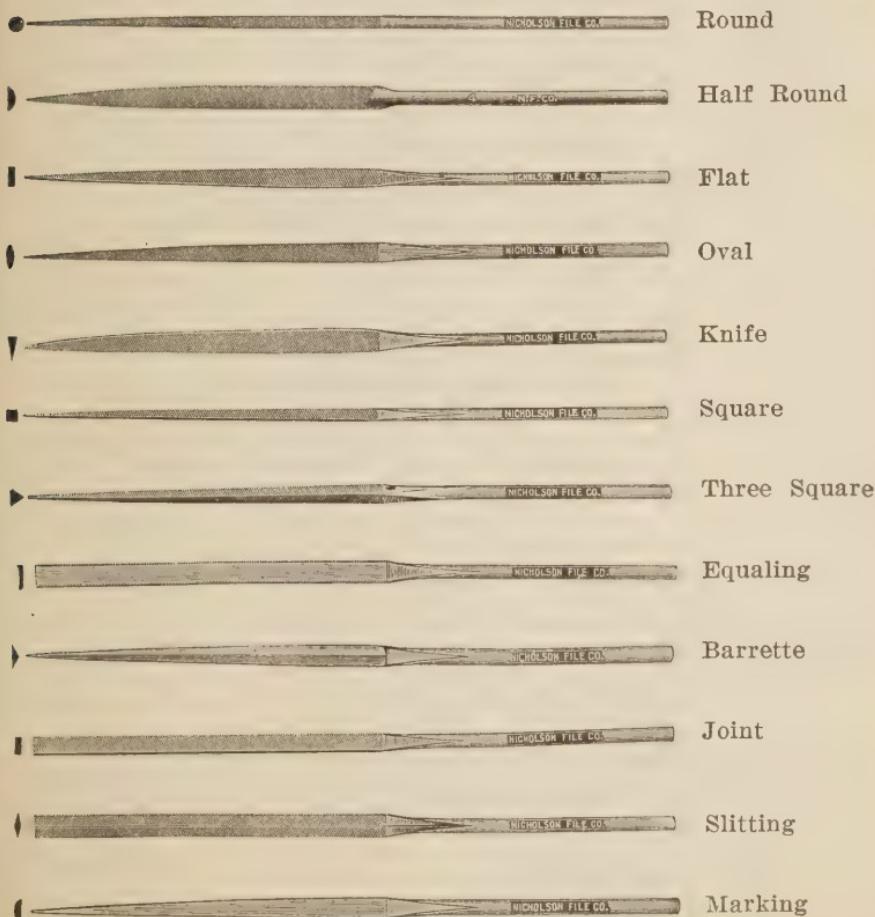
*Prices Subject to Market Changes*

## SWISS PATTERN FILES

### Nicholson Extra (XF) Fine

Used by jewelers, watch and tool makers and for similar fine work in which the best material and superior workmanship are required. The cut is designated by numbers ranging from No. 00, the coarsest, to No. 6, the finest.

### Round Handle Needle Files



Note—Prices on application. Write for separate catalog on XF Swiss Pattern and Needle Files. Sent promptly on request.

*Prices Subject to Market Changes*

**NICHOLSON FILES**  
**Kearney & Foote Brand**  
**MILL FILE**



**Mill Bastard, Square Edges**

Length, inches	6	8	10	12	14
Each	\$0.13	.16	.21	.27	.39

**Mill Second Cut, Square Edge**

Length, inches	8	10	12
Each	\$0.18	.23	.31

**Mill Smooth, Square Edge**

Length, inches	8	10
Each	\$0.20	.26



**Mill Bastard, One Round Edge**

Length, inches	6	8	10	12
Each	\$0.14	.18	.23	.31

**FLAT FILE**



**Flat Bastard**

Length, inches	4	5	6	8	10	12	14
Each	\$0.14	.15	.16	.20	.26	.35	.48

**Flat Second Cut**

Length, Inches	6	8	10	12	14
Each	\$0.18	.22	.30	.40	.55

**Flat Smooth**

Length, inches	6	8	10	12	14
Each	\$0.19	.24	.32	.44	.60

**HALF ROUND FILE**



**Half Round Bastard**

Length, inches	4	5	6	8	10	12	14
Each	\$0.18	.20	.22	.27	.33	.43	.56

**Half Round Second Cut**

Length, inches	4	6	8	10	12	14
Each	\$0.21	.25	.30	.37	.47	.62

**Half Round Smooth**

Length, inches	4	5	6	8	10	12	14
Each	\$0.22	.23	.26	.32	.39	.50	.66

*Prices Subject to Market Changes*

**NICHOLSON FILES**  
**Kearney & Foote Brand**  
**ROUND FILE**



**Round Bastard**

Length, inches .....	4	5	6	8	10	12	14
Each .....	\$0.11	.12	.13	.16	.21	.27	.39

**Round Second Cut**

Length, inches .....	4	5	6	8	10	12	14
Each .....	\$0.13	.14	.15	.18	.23	.31	.44

**Round Smooth**

Length, inches .....	4	6	8	10	12	14
Each .....	\$0.14	.18	.20	.26	.34	.48

**REGULAR TAPER FILE**



**Regular Taper Single Cut**

Length, inches .....	5½	6	7	8
Each .....	\$0.11	.12	.16	.20

**SLIM TAPER FILE**



**Slim Taper Single Cut**

Length, inches .....	5	5½	6	7	8
Each .....	\$0.09	.11	.11	.14	.17

**HALF ROUND CABINET FILE**



Length, inches .....	8	10	12	14
Each .....	\$0.37	.50	.68	.90

**WOOD RASPS**



**Flat Cabinet Rasp, Second Cut**

Length, inches .....	8	10	12	14
Each .....	\$0.48	.64	.83	1.10



**Half Round Wood Rasp, Bastard Cut**

Length, inches .....	8	10	12	14
Each .....	\$0.38	.50	.68	.91

*Prices Subject to Market Changes*

## FILE CARDS OR CLEANERS

Nicholson



Complete with steel cleaner that fits in the handle.

Varnished hardwood frame and handle; hardened steel wire brush attached to leather face on one side, black bristle brush on reverse side.

No. 2— $4\frac{3}{4} \times 1\frac{1}{2}$  inches; length over all 10 inches; weight each 6 ounces ..... Each \$0.85

Colton



Complete with soft steel pick. Steel back, frame and face; tempered steel wire bristles.

No. 10—Back 4x2 inches, handle  $3\frac{3}{4}$  inches; weight each 5 ounces ..... Each \$0.40

## FILE HANDLES

Skroo-Zon



Cuts Its Own Thread

Selected hardwood, heavy steel ferrule; tempered steel die allowing file to be screwed on or off indefinitely. Can also be used on soldering irons, bearing scrapers, etc.

Nos.	For File, in.	Each
2	4	\$0.15
3	5	.15
4	6	.15
5	8	.20
6	10	.20
7	12	.25
8	14	.25

Prices Subject to Market Changes

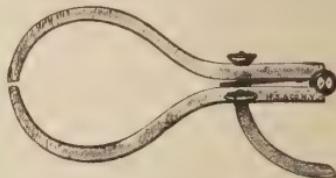
## FILE HANDLES



Soft Wood with Brass Ferrules  
Assorted Sizes.....Each \$0.05

## WINGED CALIPERS

H. S. &amp; Co.



Brass Joint

Forged from highest grade of steel, polished. Head is large, firm and symmetrical. Tempered steel adjusting spring; knurled adjusting screw and flat head steel thumb screw to lock the wing in position.

No. 101, inches.... 6 8  
Each ..... \$0.85 1.05

## WINGED DIVIDERS

H. S. &amp; Co.



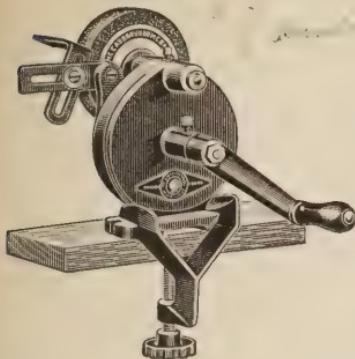
Brass Joint

Forged from highest grade of steel, polished, upper part of legs are perfectly square, the lower part having a long taper. Head is large, firm and symmetrical. Tempered steel adjusting spring; knurled adjusting screw and flat head steel thumb screw to lock the wing in position.

No. 106, in... 6 8 10 12  
Each ..... \$0.60 .75 1.00 1.15

## TOOL GRINDERS

## Carborundum "Niagara"



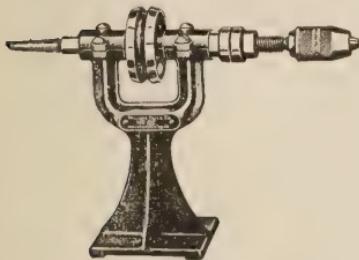
Every part from castings to nuts is accurately made, perfectly fitted. The gear case is made of the best grade of gray iron, the two sections being ground to a fit, making the case absolutely oil tight. The gears are accurately cut, they run smoothly and are practically noiseless. The handle and screw clamp are made of malleable iron to withstand strains, and all small parts are heavily nickel plated.

Every machine is fitted with a carborundum wheel, the fastest, coolest cutting of all wheels for general grinding purposes.

Nos.	1	2	3	4
Wheel diameter, inches.....	4	5	6	7
Wheel thickness, inches.....	1	1	1	1½
Each .....	\$4.60	4.90	7.60	8.05

## POLISHING HEADS

Millers Falls

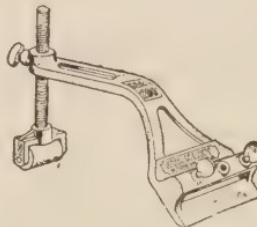


A small, well proportioned head with adjustable flanges from 0-7/8 inch. Pulley grooved for 1/4 inch round belt or the 3/4 inch face can be used for flat belt. Height to center of spindle 6 inches. Diameter of spindle 1/2 inch, diameter of pulley 1 1/8 inches. One end of spindle tapered, other end equipped with 3-jaw chuck holding drills from 0-7/16 inch diameter.

**No. 250** — Takes wheels 1 inch thick and 1/2 inch hole; base 2 3/4 x 2 3/4 inches; weight 2 1/4 pounds ..... Each \$2.15

## CUTTER AND CHISEL GRINDERS

Stanley



## Nickel Plated

A device for holding plane iron, chisels and other similar cutting tools that they may be ground or honed to any desired angle or bevel.

The tool to be sharpened is held rigidly in the grinder by thumb screws.

**No. 200**—All metal; weight each 1 5/8 pounds..... Each \$1.30

*Prices Subject to Market Changes*

## OIL STONES

## Arkansas Bench Stones



## Hard

Nos.	106	108
Inches	6x2x $\frac{3}{4}$ -1	8x2x $\frac{3}{4}$ -1
Each	\$5.10	6.80

## Soft

Nos.	306	308
Inches	6x2x $\frac{3}{4}$ -1	8x2x $\frac{3}{4}$ -1
Each	\$1.70	2.75

## Carborundum



## Combination

Made with one face coarse and one face very fine grit. The coarse side can be used for sharpening very dull tools; the fine side for giving required keen, lasting edge.

Nos.	Size, inches	Each
108	8x2 x1	\$1.50
110	7x2 x1	1.25
109	6x2 x1	1.05
111	5x2 x $\frac{3}{4}$	.85
112	4x1 $\frac{3}{4}$ x $\frac{5}{8}$	.72

## Arkansas Pen Knife Pieces



Nos.	Size, inches	Each
116	3x1x $\frac{1}{4}$ - $\frac{3}{8}$	\$0.43
117	4x1x $\frac{1}{4}$ - $\frac{3}{8}$	.65
118	5x1x $\frac{1}{4}$ - $\frac{3}{8}$	1.05

Note—For Pike Stone Oil see page 87.

Prices Subject to Market Changes

sharpener angles

## Arkansas Round Edge Slips



## Hard

Nos.	Size, inches	Each
103	3x2x $\frac{3}{8}$ to $\frac{1}{8}$	\$0.85
104	4x2x $\frac{3}{8}$ to $\frac{1}{8}$	1.36
105	5x2x $\frac{3}{8}$ to $\frac{1}{8}$	1.70

## Soft

Nos.	Size, inches	Each
303	3x2x $\frac{3}{8}$ to $\frac{1}{8}$	\$0.35
304	4x2x $\frac{3}{8}$ to $\frac{1}{8}$	.50
305	5x2x $\frac{3}{8}$ to $\frac{1}{8}$	.85

## Miscellaneous Arkansas Sticks



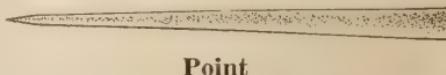
## Triangular

No. 120—3 to 3 $\frac{1}{2}$ inches long....	Each \$0.34
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## Square

No. 121—3 to 3 $\frac{1}{2}$ inches long....	Each \$0.35
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## Point

No. 122—3 to 3 $\frac{1}{2}$ inches long....	Each \$0.65
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## Arkansas Carving Tool Slips



## In Sets of Four

Four shapes in a set, each shape being especially useful for various knives used by wood and ivory carvers.

Size 2 $\frac{1}{4}$ x $\frac{7}{8}$ x $\frac{1}{16}$  inches, weight per set 3 ounces.....Set \$1.28

## WRENCHES

Coes Genuine Knife Handle

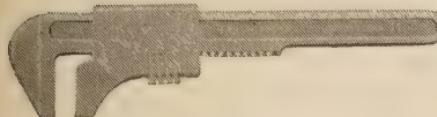


"KNIFE - HANDLE"

One-piece forged steel head and bar; hardened semi-steel slide bar and handle frame; oil finished; machine cut steel screw with knurled head; hardwood handle; sides secured at both ends by insertion under metal and riveted under pressure.

Length, in..	6	8	10	12
Opens, in... .	1 $\frac{1}{2}$	1 $\frac{3}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{2}$
Wt., lbs....	3/4	1 $\frac{1}{4}$	2 $\frac{1}{8}$	3 $\frac{3}{8}$
Each .....	\$0.85	1.00	1.20	1.55
Length, inches.....	15	18	21	
Opens, inches.....	2 $\frac{1}{2}$	3 $\frac{1}{8}$	4	
Weight, lbs.....	4 $\frac{1}{2}$	6 $\frac{3}{4}$	9 $\frac{1}{8}$	
Each .....	\$2.10	2.65	3.20	

## B. & S. Automotive



Model "G" Adjustable

Drop forged steel; rapid adjustment; bars of "I" beam section; "Duro" black rust-proof finish.

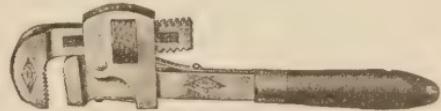
Nos. ....	1	2
Length, inches.....	5 $\frac{1}{4}$	7 $\frac{1}{2}$
Opens, inches.....	1 $\frac{1}{8}$	2
Thickness jaw, in... .	1/4	5/8
Depth jaw, inches..	1/8	1 $\frac{1}{8}$
Weight each.....	5 oz.	10 oz.
Each .....	\$0.50	.60

Nos. ....	4	5
Length, inches.....	11	15
Opens, inches.....	3	3 $\frac{5}{8}$
Thickness jaw, in... .	7/8	7/8
Depth Jaw, inches..	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Weight each.....	1 $\frac{1}{2}$ lb.	3 $\frac{1}{2}$ lb.
Each .....	\$1.10	1.95

## PIPE WRENCHES

Genuine Walworth Stillson

Drop forged from bar steel, scientifically heat treated; all parts interchangeable; does not crush or lock upon the pipe, but releases its hold instantly. Each size has a single front spring; each size 10 to 24 inches inclusive has a double (2) back spring.



Wood Handle

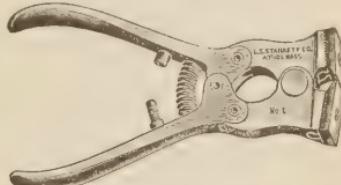
Lgth. open, in..	6	8	10
Takes pipe, in. .	1 $\frac{1}{8}$ -1 $\frac{1}{2}$	1 $\frac{1}{8}$ -2 $\frac{1}{4}$	1 $\frac{1}{8}$ -1
Wt. each, lbs..	1/2	3/4	1 $\frac{1}{2}$
Each .....	\$0.68	.77	.85

## Steel Handle

Lgth. open, in. .	14	18	24
Takes pipe, in. .	1 $\frac{1}{4}$ -1 $\frac{1}{2}$	1 $\frac{1}{4}$ -2	1 $\frac{1}{4}$ -2 $\frac{1}{2}$
Wt. each, lbs. .	3	5	8 $\frac{1}{2}$
Each .....	\$1.20	1.70	2.50

## WIRE NIPPERS

Starrett Adjustable Jaw



Length 5 $\frac{1}{2}$  inches

Jaws are detachable, can be reground and adjusted when worn. Adjustable screw and stud inside handles permit setting jaws so cutting edge will not be forced unnecessarily together. Drop forged steel head and handles. All parts case hardened, except jaws which are made from high grade steel, nicely tempered.

Each

No. 1C—For common use... \$3.15

No. 1M—For music wire.... 3.15

Prices Subject to Market Changes

## WIRE NIPPERS

Utica Bulldog

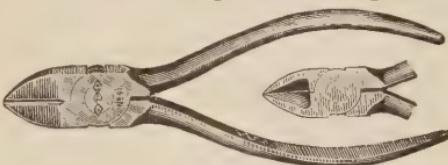


## No. 60—End Cutting, Lap Joint

Used by carpenters, shoemakers, machinists, etc. Drop forged steel, tempered cutting edges: blue gun metal finish checkered handles, polished head.

Size, inches.	5	6	7	8
Each .....	\$0.85	.95	1.10	1.30

## Utica Diagonal Cutting

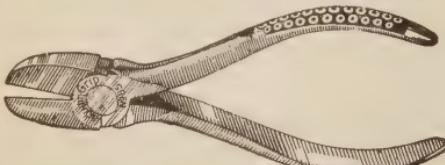


## Lap Joint

Used by telephone men, switchboard builders and electricians in assembling electrical apparatus. Will cut silk covered wire without injuring the covering or bruising the wire. Blue gun metal finish handles, polished head.

No. 41—Size, in....	5	6
Each .....	\$0.85	.95

## Vacuum Grip, Diagonal Cutting



## Lap Joint

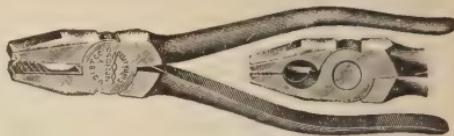
Forged from Swedish tool steel individually hardened and tempered. Hand filed cutting edges. Used by electricians, radio and telephone men. Full polished.

Nos. ....	85	86
Inches .....	5	6
Each .....	\$1.40	1.70

Prices Subject to Market Changes

## PLIERS

Utica Flat Nose, Side Cutting



## No. 1050—Lap Joint

A good tool for electrical construction work. Drop forged steel; smooth handles, black finish, polished head.

Size, inches.	5	6	7	8
Each .....	\$0.75	.85	.90	1.00

Utica Long Needle Nose,  
Side Cutting

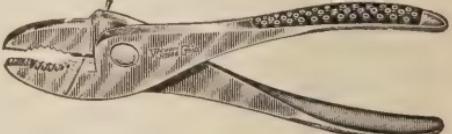
## Lap Joint

Adapted for extra fine work, radio, etc. Forged from extra quality of steel; spring tempered nose and keen, strong cutting edges. Drop forged steel, blue gun metal finish checkered handles, polished head.

No. 655—Size, in....	5½	6
Each .....	\$1.20	1.30

## Vacuum Grip

Forged steel; adjustable slide joint; nickel plated.



## Thin Nose, with Wire Cutter

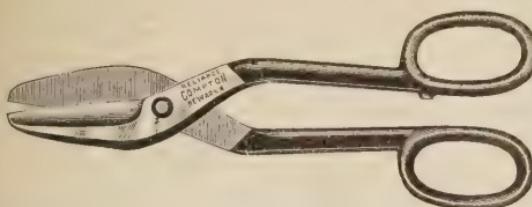
Nos. ....	65	66	67
Inches .....	5	6	7
Each .....	\$1.25	1.45	1.70



## Beveled Nose

Nos. ....	246	247
Inches .....	6	7
Each .....	\$1.20	1.50

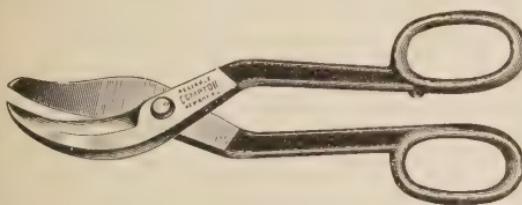
**METAL OR TINNERS SNIPS**  
Compton "Reliance"



**Straight Blade Regular, Right Hand**

Drop forged steel, bar tool steel laid blades; blue finished handles.

Nos.	8	9	10	11	12
Full length, inches.....	13	12	11	9	8
Length of cut, inches.....	3½	3	2½	2¼	2
Each .....	\$2.00	1.75	1.60	1.20	1.00



**Circular Blade, Right Hand**

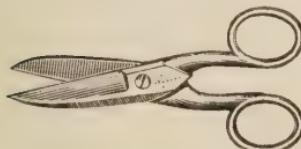
A convenient all around tool for cutting curved and irregular shapes.

Drop forged steel; bar tool steel laid blades; blue finish handles.

Nos.	8CB	10CB
Full length, inches.....	13	11
Length of cut, inches.....	3½	2½
Each .....	\$3.00	2.50

**ELECTRICIAN OR TELEPHONE SNIPS**

Compton "Reliance"



**Right Hand**

Forged solid steel, full nickel plated; handsomely finished.

No.	31
Full length, inches.....	5
Each .....	\$0.80

**SOLDERING COPPERS**  
Adroit Electric



**Double Duty**

For radio, home and light factory use. Approved heater cord; two-piece attachment plug; interchangeable tips, that can be replaced when worn out; alloy heating element, that will not overheat and gives the desired results at all times.

Each .....	\$2.20
Extra standard tips....	Each .45
Special straight tips extra .....	Each .45
Special bent tips extra..	Each .45

*Prices Subject to Market Changes*

### ALCOHOL TORCHES Bernz "Always Reliable"

Made of spun brass and heavily nickelized. Bottom is solid, enabling user to carry without danger of leaking. Cap over burner screws down tight preventing evaporation of alcohol when not in use. Blow-pipe adjustable to suit work to be done. Furnished with rubber tube and mouth piece as illustrated.

Reservoir filled by removing burner.

A fine pointed flame is produced, suitable for jewelers and electricians, or any other purpose when a small flame is required. Especially adapted for radio work.

No. 10—Size 6½x1¾ inches; shipping weight ¾ lb...Each \$1.75

### SOLDERING OUTFITS



### For the Household or Workshop

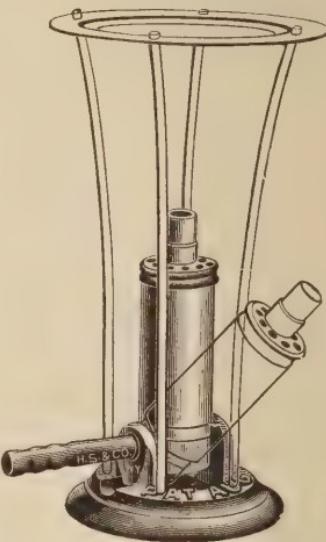
Contains 4 oz. can Tinol solder in paste form and self-acting blow torch, packed in neat box, with full directions inside. With this handy outfit any one can make a perfect soldered joint, without any previous experience, on all metals, except aluminum.

Complete ..... Each \$1.50

*Prices Subject to Market Changes*

### BUNSEN BURNERS OR GAS HEATERS

H. S. & Co.



### Adjustable

With attachments these burners are ideal for the laboratory, office and workshop; are entirely safe, cannot blow out nor can the flame recede inasmuch as the gas inlet is protected from side draughts. The burners can be inclined or tilted at hinge, which is of great importance as it prevents foreign bodies obstructing them. The air is admitted at the top of the burner and, being very near the flame, is superheated before it mixes with the gas whereby a hotter flame is obtained with less consumption of gas.

No. 2—Hinged burner.. Each \$2.00  
*Market Changes*

## BENCH OILERS

### Wide Mouth

#### Steel, Copper Plated

Heavy seamless steel domes, spring steel bottoms and machine cut threads. Collar, cap, bottom and nozzle are assembled without solder, which insures solid joints. One inch opening allows easy filling. Plated inside and out. Interchangeable spouts.



#### Straight Spouts

Nos.	Cap., Pints	Dia., In.	Spout In.	Each
12	$\frac{1}{4}$	$2\frac{3}{4}$	3	\$0.20
13	$\frac{1}{3}$	$3\frac{1}{8}$	3	.23
13A	$\frac{1}{3}$	$3\frac{1}{8}$	5	.25
14A	$\frac{1}{2}$	$3\frac{3}{4}$	3	.32
14AA	$\frac{1}{2}$	$3\frac{3}{4}$	5	.34
15A	1	$4\frac{1}{4}$	5	.41

#### With 9 inch Bent Spouts

Nos.	14	14B	16
Capacity, pints	$\frac{1}{3}$	$\frac{1}{2}$	1
Diameter, in...	$3\frac{1}{8}$	$3\frac{3}{4}$	$4\frac{1}{4}$
Each .....	\$0.28	.36	.44

## POCKET OILERS

### Perfect

For bicycles, guns, fishing tackle, typewriters, sewing machines, roller skates, etc.



Consists of tube, tip and can. The tin throws only a few drops at a time, thereby avoiding loss.

Each ..... \$0.35

## LUBRICATING OILS

### Three-In-One



For lubricating light mechanisms, cleaning and polishing metal and wood, preventing rust and tarnish.

Especially recommended for magneto bearings, the finest also for bicycles, sewing machines, guns, etc.

In bottles, oz... 1 3 8  
Each ..... \$0.15 .30 .60

**Handy Oil Cans**— $3\frac{1}{2}$  ounce; flat tin oil can with sealing spout, can't leak, slips easily into hip pocket ..... Each \$0.30

### Pike



Perfectly pure, acidless, and non-drying.

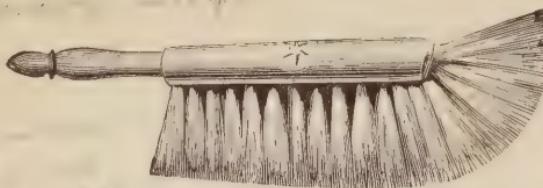
Will not gum, nor corrode the most highly polished metal. Recommended for all purposes where a thin, pure oil is required as a lubricant or rust preventative. Also used for cleaning

and polishing all kinds of wood and metal surfaces and on oil stones for sharpening tools, etc.

3 oz. Cans ..... Each \$0.30

*Prices Subject to Market Changes*

## BENCH DUSTERS



## SANDPAPER BLOCKS

Johnson



With the use of this device the sandpaper will always be held securely in place. The heavy felt with which the holder is covered and over which the sandpaper is placed will prevent the surface of articles from being scratched.

The sand or emery paper can be attached quickly and holds No. 00 up to No. 3.

**No. 21**—Size 4½x2¾x1 inch.....  
.....Each \$0.25

## SANDPAPER CORKS

Inches	Each
1½x3x 4	\$0.25
1½x4x 6	.45
1½x4x12	.85

SANDPAPER  
In Sheets 9x11 inches

Nos.	Flint		Garnet	
	Doz.	Each	Doz.	Each
2/0	\$0.16	\$0.05	\$0.35	\$0.05
0	.16	.05	.40	.05
½	.16	.05	.45	.05
1	.20	.05	.50	.05
1½	.22	.05	.55	.06
2	.25	.05	.65	.07

Prices Subject to Market Changes

**No. 10** — 5 inch block,  
white bristles.....  
.....Each \$0.63

**No. AH3**—10 inch block,  
white and gray bristles  
.....Each \$1.10

## STEEL WOOL

Nos. ....	1	2	3
Sandpaper			
equivalent.	0	½ & 1	1½ & 2
Per Pound...	\$0.26	.24	.21
Also Nos. 1, 2 and "Fine" in small papers .....			Each \$0.10

## LIQUID GLUE

Le Pages



## In Cans

Le Page's glue is the recognized standard for adhesives. For convenience and strength, it is superior to any other glue on the market.

Cans ...	1 gill	½ pt.	1 pt.	1 qt.
Each ...	\$0.25	.40	.70	1.20

Rogers



It holds with bull dog grip—  
2000 lbs. to the square inch.

## In Tubes

**1 oz. Tube**—With patent feeder..  
....Each \$0.25

Cans ....	1 gill	½ pt.	1 pt.
Each ....	\$0.30	.50	.85

## In Cans

also at

Fourth Avenue at 13th Street

57th Street—145-147 East

## TOOL RACKS

Brass



### In Two Foot Lengths

Nos.	Width of Clasp Inside, inches	Each
230	5/8	\$0.23
231	7/8	.27
232	1 1/8	.39

(Illustration half size of clasps No. 230)

Brass

(Illustrations half size)



No. 235



No. 236

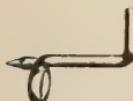


No. 237

Nos. ....	235	236	237
Width of clasp inside, inches.....	5/8	7/8	1 1/8
Each .....	\$0.05	.06	.09

Steel Wire, Tinned

(Illustrations half size)



No. 101

No. 101—For miscellaneous small tools ..... Each \$0.05

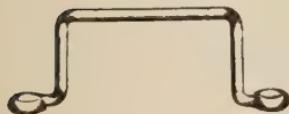


No. 102

No. 102—For miscellaneous tools. .... Each \$0.05

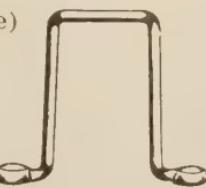
Steel Wire, Tinned

(Illustrations half size)



No. 103

No. 103—For miscellaneous small pliers, etc. .... Each \$0.05



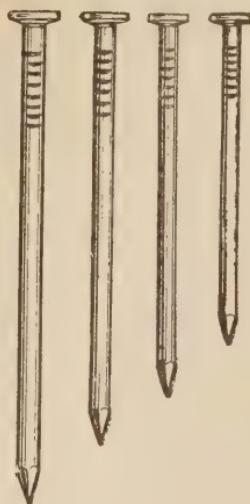
No. 105

No. 105—For marking gauges, etc. .... Each \$0.05

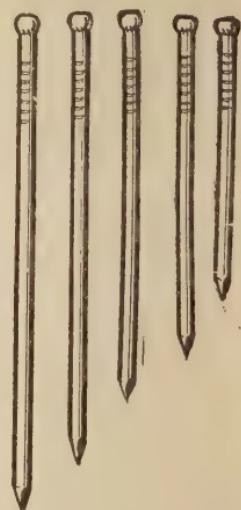
*Prices Subject to Market Changes*

## WIRE NAILS AND BRADS

## Flat Head Nails



## Wire Brads



## Note

In ordering, always specify gauge, length and be sure to state if flat heads or brad heads are wanted.

## All Prices Per Pound

 $\frac{3}{8}$  inch

No.	
20	\$0.40
21	.50

 $\frac{1}{2}$  inch

No.	
18	\$0.26
19	.30
20	.33

 $\frac{5}{8}$  inch

No.	
16	\$0.20
17	.22
18	.24
19	.27
20	.32

 $\frac{3}{4}$  inch

No.	
14	\$0.16
15	.18
16	.18
17	.20
18	.22
19	.26
20	.30

## 1 inch

No.	
12	\$0.13
13	.13
14	.14
15	.14
16	.15
17	.17
18	.18
19	.23

 $1\frac{1}{2}$  inch

No.	
12	\$0.13
13	.13
14	.13
15	.13
16	.14
17	.16
18	.18

## 2 inch

No.	
12	\$0.12
13	.12
14	.13
15	.13
16	.15

2 $\frac{1}{2}$  inch

No.	
10	\$0.11
11	.12
12	.12
13	.12
14	.13

## 3 inch

No.	
9 and 10	\$0.11
11	.11
12	.12
13	.12

Prices Subject to Market Changes

## WOOD SCREWS

All Prices  
Per Gross



All Prices  
Per Gross

Flat Head



Round Head



Oval Head

### Iron

Flat Head

$\frac{1}{4}$ inch	$\frac{3}{8}$ inch	$\frac{1}{2}$ inch	$\frac{5}{8}$ inch	$\frac{3}{4}$ inch	$\frac{7}{8}$ inch	1 inch	
No.	No.	No.	No.	No.	No.	No.	
1	\$0.18	0	\$0.18	1	\$0.18	3	\$0.18
2	.18	1	.18	2	.18	4	.19
3	.18	2	.18	3	.18	5	.20
.....	3	.18	4	.18	5	.19	.21
.....	4	.18	.....	6	.20	7	.22
.....	.....	.....	.....	6	.20	8	.23
.....	.....	.....	.....	7	.22	9	.23
.....	.....	.....	.....	8	.23	10	.24
.....	.....	.....	.....	9	.24	10	.25
.....	.....	.....	.....	10	.25	10	.26

### Brass

Flat Head

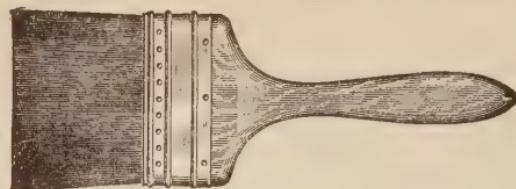
$\frac{1}{4}$ inch	$\frac{3}{8}$ inch	$\frac{1}{2}$ inch	$\frac{5}{8}$ inch	$\frac{3}{4}$ inch	$\frac{7}{8}$ inch	1 inch	
No.	No.	No.	No.	No.	No.	No.	
1	\$0.22	0	\$0.21	1	\$0.23	2	\$0.26
2	.23	1	.22	2	.24	4	.29
.....	2	.23	4	.26	6	.34	6
.....	.....	.....	.....	6	.37	8	.52
.....	.....	.....	.....	8	.47	10	.64
.....	.....	.....	.....	.....	.....	10	.70

### Brass

Round and Oval Head

$\frac{1}{4}$ inch	$\frac{3}{8}$ inch	$\frac{1}{2}$ inch	$\frac{5}{8}$ inch	$\frac{3}{4}$ inch	$\frac{7}{8}$ inch	1 inch	
No.	No.	No.	No.	No.	No.	No.	
0	\$0.23	0	\$0.23	1	\$0.25	2	\$0.29
2	.24	1	.24	2	.26	4	.31
.....	2	.25	4	.29	6	.37	8
.....	.....	.....	.....	6	.41	8	.45
.....	.....	.....	.....	8	.52	10	.57
.....	.....	.....	.....	10	.70	12	.75
.....	.....	.....	.....	.....	.....	10	.95

Prices Subject to Market Changes

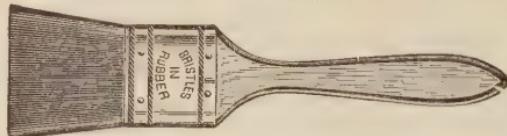
**PAINT AND VARNISH BRUSHES****Wall Paint Brushes****No. 507—Set in Rubber**

Pure black Chinese bristles; polished natural handle. An inexpensive painters' tool. Good filler length.  
 Width, in..... 3      4  
 Each ..... \$0.65    1.10

**"First Line"—Set in Rubber**

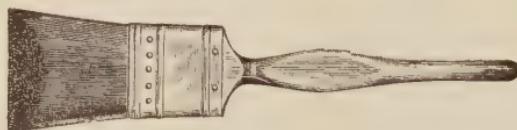
Mixed black bristles; white metal ferrules; natural handle. An inexpensive household brush.

Width, inches.....	2½	3	3½	4
Each .....	\$0.40	.50	.65	.75

**Flat Varnish Brushes****No. E—Set in Rubber**

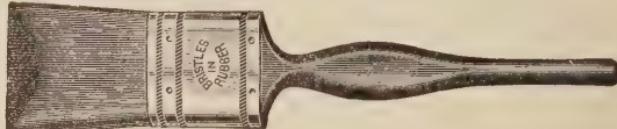
Pure unbleached bristles; nickelized ferrule; natural finish handle.

Width, inches .....	1	1½	2	2½	3
Each .....	\$0.15	.25	.30	.40	.50

**Chicago—Set in Rubber**

Selected black Chinese bristles, long, fine and elastic; nickel plated ferrule; polished white panel handle; full center, triple thick, fine chisel edge.

Width, inches .....	1½	2	2½
Each .....	\$0.45	.70	.90

**Flat Lacquer Brushes****Flo-Lac No. 1783**

Selected fine bristles, specially set for lacquering.

Width, inches .....	1	1½	2
Each .....	\$0.35	.45	.65

*Prices Subject to Market Changes*

## SASH TOOLS Rubberset


**Style No. 42**

Hard rubber bound; best all white bristles.

Size, Nos.	Diameter, Inches	Each
1	1/2	\$0.50
2	5/8	.60
3	3/4	.70
4	7/8	.80
5	1	.95

## GLUE BRUSHES Rubberset

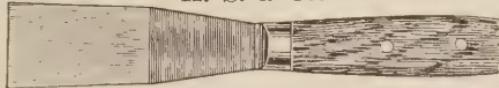

**Style No. 96, Round**

An excellent brush for small glue or paste work. All gray bristles.

Size, Nos.	Diameter, Inches	Each
1	1/2	\$0.40
2	5/8	.50
3	3/4	.55
4	7/8	.70
5	1	.75

## PUTTY KNIVES

H. S. &amp; Co.


**No. 1540—Stiff Blade**

Cocobolo handle, metal bolster.  
Blade, inches... 1 1/8 x 3 5/8      2 x 3 1/4  
Each ..... \$0.44                        .52

**No. 1540E—Elastic Blade**

Cocobolo handle, metal bolster.  
Blade, inches... 1 1/8 x 3 5/8      2 x 3 1/4  
Each ..... \$0.48                        .55

## GLASS CUTTERS

**New Rex**

**Interchangeable**

Latest model glass circle cutter. Graduated bar, turret head, with three cutter wheels. Nicely nickel-ed bar and head. Red knob and base.

**New Rex**—Cuts circles from 1 3/4 to 23 inches.....Each \$0.75

**Red Devil**


**No. 024**—4 3/4 inches long, all iron, polished head, red painted handle, three keyed glass breakers, hand honed steel cutting wheel. .... Each \$0.15

**Goodell Pratt**


Wood handle, nickel plated steel head and turret, 6 hardened and ground steel cutting wheels, turret may be revolved on or clamped to the frame by a screw at its center.

**No. 10**—5 1/2 in. long...Each \$0.21

*Prices Subject to Market Changes*

## ACME QUALITY PAINTS, ENAMELS, VARNISHES

True economy in the use of paint does not consist in purchasing at the lowest price per gallon, but in being reasonably sure that the paint is honestly made and possesses in the fullest degree the qualifications above outlined. Low priced paint may last one to two years,—good paint four years or more. The cost of applying either is the same and is the largest item of expense. There is no economy, therefore, in buying at the lowest price per gallon. Years of service should be the consideration.



**New Era House Paint**  
In 28 shades besides black and white.  
Outside white, inside white, interior high gloss white.

1 gal.	$\frac{1}{2}$ gal.	1 qt.	1 pt.	$\frac{1}{2}$ pt.
\$4.25	2.25	1.20	.65	.37

French gray No. 8, pearl gray No. 27, slate color No. 132, cream No. 140, meadow green No. 130, ivory No. 12, sky blue No. 42, Pompeian red No. 18, bungalow brown No. 141, pea green No. 135.

1 gal.	$\frac{1}{2}$ gal.	1 qt.	1 pt.	$\frac{1}{2}$ pt.
\$4.00	2.10	1.10	.60	.37

1 gal.	$\frac{1}{2}$ gal.	1 qt.	1 pt.	$\frac{1}{2}$ pt.
\$4.25	2.25	1.20	.65	.37

Ivy Green, No. 134.....

W. B. Green, No. 38.....

1 gal.	$\frac{1}{2}$ gal.	1 qt.	1 pt.	$\frac{1}{2}$ pt.
4.60	2.45	1.30	.70	.45

**No-Lustre Finish**

Furnished in 10 attractive colors and comes ready for use on walls, woodwork, plaster or metal ceilings, burlap, fibre board, canvas, papier mache and interior surfaces generally.

White, light ivory No. 73, ivory No. 68, light tan No. 67, pea green No. 59, Silver gray No. 66.

1 gal.	$\frac{1}{2}$ gal.	1 qt.
\$3.60	1.60	.90

**Enamel-Kote**

Comes all ready for use and gives a full, clear, beautiful gloss-finish in white, ivory and 13 attractive colors, affording wide scope for any treatment or scheme.

White, ivory, French gray, medium gray, apple green, black.

1 gal.	$\frac{1}{2}$ gal.	1 qt.	1 pt.	$\frac{1}{2}$ pt.	$\frac{1}{4}$ pt.
\$5.00	2.75	1.50	.90	.50	.25

Chinese Red .....

Grass Green .....

1 qt.	1 pt.	$\frac{1}{2}$ pt.	$\frac{1}{4}$ pt.
\$1.60	1.00	.60	.30

1 qt.	1 pt.	$\frac{1}{2}$ pt.	$\frac{1}{4}$ pt.
1.60	1.00	.60	.30

**Note**—Send for full shade color cards of complete lines

**Prices Subject to Market Changes**

## ACME QUALITY VARNISH

### Great Lakes Spar



This is a perfect varnish for all exterior and interior surfaces such as floors, linoleums, table tops, front doors, bath-rooms, window sills, automobiles, marine work and all other surfaces exposed to moisture and hard wear. Dries dust free in four to six hours and hard in twenty-four to thirty-six hours.

### Floor Roc

A popular floor varnish of medium body and good gloss. Light in color. It dries quickly and thoroughly. If drying conditions are favorable, it can be walked on, if necessary, twenty-four hours after job is complete. This does not mean over night.

Size cans .....	1/2 pt.	1 pt.	1 qt.
Great Lakes Spar .....	Each \$0.50	.85	1.55
Floor Roc .....	Each .45	.75	1.30

## ROGERS BRUSHING LACQUER

The most marvelous finish of the century. Especially for the amateur. No preparation. Merely brush the beautiful colors on—right over any old or new surface. Forms a smooth, satiny, colorful coating. Dries hard, ready for use, in 30 minutes (or less). And any person can use "Rogers"—it's so easy. Comes in cans, ready mixed, in 19 beautiful colors. Also black, white and clear. Sold on a "Money Back" guaranty.

The 19 colors offered are—Indian yellow, orange, russet tan, Chinese red, carmine, rich wine, ivory, Sahara sand, sage gray, rattan, oak cinnamon brown, French gray, slate, turquoise, rich blue, forest green, lettuce green and stem green.

White	Black	Turquoise	Lettuce Green
Ivory	Chinese Red	Rich Blue	Forest Green
1 quart .....			\$1.56
1 pint .....			.88
1/2 pint .....			.52
1/4 pint .....			.32
Thinner Liquid .....	1 qt.	1 pt.	1/2 pt. 1/4 pt.
		\$1.35	.75 .45 .28

**Note**—Prices are given only on the most popular shades. Prices on other shades will be quoted on request.

Send for full shade color card and instruction book.

**Prices Subject to Market Changes**

## PLASTIC WOOD



**"Handles Like Putty Hardens Into Wood"**

Unequalled for filling cracks in lumber, knot-holes, floor seams dented or splintered woodwork, and for covering counter-sunk screws or nails. It can be sanded and finished so that no trace of the repair remains.

The greatest repair material ever invented. Real wood in plastic form, sticks to wood, metal, porcelain, tile. Packed ready for use.

Each
$\frac{1}{4}$ pound cans.....\$0.35
1 pound cans.....1.00

**Note**—We carry in stock a very complete line of finishes for all purposes, including raw and boiled linseed oil, japan dryer, turpentine, alcohol, oil, varnish and penetrating stains, etc., etc. Market fluctuations prohibit our listing prices on this material but we shall be pleased to quote at any time upon receipt of quantity specifications.

## PAINT BRUSH CLEANER



*Prices Subject to Market Changes*

## PUTTY

## Linseed Oil Putty

1 pound cans.....	Each \$0.12
-------------------	-------------

## WOOD FILLER

## Liquid

Each
------

$\frac{1}{2}$ pint bottle.....	\$0.40
1 pint bottle.....	.60

## SHELLAC

## White, Cut in Alcohol

Each
------

$\frac{1}{2}$ pint bottle.....	\$0.42
1 pint bottle.....	.75

## Orange, Cut in Alcohol

Each
------

$\frac{1}{2}$ pint bottle.....	\$0.40
1 pint bottle.....	.70

## "Brush-Nu"

Quickly cleans brushes from hard old paint, varnish, shellac or enamel. Used by mixing in water. Absolutely safe to hands or the most delicate bristles.

**"Brush-Nu"**—Net weight of package  
 $2\frac{1}{2}$  oz.; softens up to five 3  
 inch brushes.....Per Box \$0.10





Hammacher, Schlemmer & C.  
NEW YORK, N.Y.

SINCE 1848